



Central Power Generation Company Limited (CPGCL)
Thermal Power Station, Guddu

Central Power Generation Company Limited (CPGCL)

Disposal of Redundant, Old and Defunct Power Plants of CPGCL

Bidding Documents (Single Stage-Two Envelope Bidding Procedure)

VOLUME – I

JANUARY 2025



National Engineering Services Pakistan (Pvt.) Ltd. (NESPAK)

1-C, Block N, Model Town Extension, Lahore, Pakistan

Tel: +92-42-99090000, Fax: +92-42-99231936, E-mail: power@nespak.com.pk

Disposal of Redundant, Old and Defunct Power Plants of CPGCL

SUMMARY OF VOLUMES

VOLUME – I

- **INVITATION TO BID**
- **INSTRUCTIONS TO BIDDERS (IB)**
- **BIDDING DATA (BD)**
- **EVALUATION CRITERIA AND ELIGIBILITY FORMS**
- **LETTER OF BID AND SCHEDULES TO BID**
- **STANDARD FORMS**
- **CONDITIONS OF CONTRACT**

VOLUME – II

- **EMPLOYER’S REQUIREMENTS**

INVITATION TO BID

Date:

Bid Reference No. T-Disp-01

1. Central Power Generation Company Limited (CPGCL) (“the Employer”) invites sealed bids through single stage two envelope international competitive bidding procedure from eligible Bidders having the nationality of Pakistan or one of the countries notified by Ministry of Interior, Government of Pakistan as Business Friendly Countries (BVL) (<https://visa.nadra.gov.pk/business-visa-list-bvl/>), towards the cost of Disposal of Old and Defunct Power Plants of CPGCL comprising the following lots:
 - Lot-1 TPS Sukkur (50MW) with a Reserve Price of **PKR 483,951,664**
 - Lot-2 TPS Quetta (57.1MW) with a Reserve Price of **PKR 591,429,137**(Collectively, the “Assets”) *Note: The Reserve Prices of each Lot is exclusive of taxes.*
2. Bidding documents, containing detailed terms and conditions, etc. are available at the address given below. Price of the Bidding Documents is PKR 15,000 (Pak Rupees Fifteen Thousand only). Bidding documents can also be downloaded from www.cpgcl.com.pk free of cost.
3. The bids, prepared in accordance with the instructions in the bidding documents, must reach at the office of MD/CEO GENCO Holding Company Limited, 1st Floor, OPF Building, G-5/2, Islamabad on or before March 05, 2025 at 1500 hours. Technical Bids will be opened the same day at 1530 hours in the said office. This advertisement is also available on PPRA website at www.ppra.org.pk and the Employer’s website at www.cpgcl.com.pk.
4. The Employer reserves the right to annul the bidding process and reject all Bids, at any time prior to award of the Contract, in accordance with Rule 33 of Public Procurement Rules, 2004.

Bidding Documents can be purchased from following addresses:

1. GENCO HOLDING COMPANY LIMITED, 1st Floor, Overseas Pakistan Foundation (OPF) Building, Shah-Rah-E-Jamhoriyat, Sector G-5/2, Islamabad.
2. CHIEF EXECUTIVE OFFICER, CPGCL, GENCO-III, TPS, GUDDU
3. CHIEF RESIDENT REPRESENTATIVE, WAPDA, C-26, Block 5, Sardar Ali Sabri Road, Gulshan-e-Iqbal, Karachi.

Chief Executive Officer

Central Power Generation Company Limited (CPGCL)

Thermal Power Station, Guddu

Tel: 0772-691088

INSTRUCTIONS TO BIDDERS (IB)

INSTRUCTIONS TO BIDDERS

Table of Contents

A. General.....	1
IB 1. Scope of Bid	1
IB 2. Eligible Bidders	1
IB 3. One Bid per Bidder.....	2
IB 4. Site Visit.....	2
B. Bidding Documents	2
IB 5. Contents of Bidding Documents	2
IB 6. Clarification of Bidding Documents, Pre-Bid Meeting.....	3
IB 7. Amendment of Bidding Documents	4
C. Preparation of Bids	4
IB 8. Cost of Bidding.....	4
IB 9. Language of Bid	4
IB 10. Documents Comprising the Bid	4
IB 11. Bid Prices	6
IB 12. Currency of Bid and Payment.....	6
IB 13. Bid Validity	6
IB 14. Bid Security (Security Deposit).....	7
IB 15. Format and Signing of Bid	7
D. Submission of Bids	8
IB 16. Sealing and Marking of Bids.....	8
IB 17. Deadline for Submission of Bids.....	9
IB 18. Late Bids.....	18
IB 19. Modification, Substitution and Withdrawal of Bids.....	19
E. Bid Opening and Evaluation	10
IB 20. Bid Opening	10
IB 21. Process to be Confidential.....	11
IB 22. Clarification of Bids	11
IB 23. Examination of Bids and Determination of Responsiveness.....	11
IB 24. Nonmaterial Nonconformities	12
IB 25. Evaluation and Comparison of Bids	13
F. Award of Contract.....	13
IB 26. Award Criteria	13
IB 27. Employer's Right to Annul the Bidding Process	13

IB 28. Notification of Award.....	13
IB 29. Performance Security	14
IB 30. Signing of Contract Agreement.....	14
IB 31. Integrity Pact.....	14
IB 32 Instructions not Part of Contract	14
IB 33 Corrupt and Fraudulent Practices	15
Bidding Data.....	17
Evaluation Criteria and Eligibility Forms	19
Letters of Bid and Schedules to Bid.....	32
Letter Technical Bid	
Letter of Price Bid	
Schedule-A to Bid: Price Schedule	
Schedule-B to Bid: Disposal Plan/Schedule	
Schedule-C to Bid: Method of Performing the Dismantling and Disposal Work	
Schedule-D to Bid: List of Major Equipment	
Schedule-E to Bid: Organization chart for the supervisory staff and labour	
Schedule-F to Bid: Proposed Subcontractors	
Schedule-G to Bid: Integrity Pact	

INSTRUCTIONS TO BIDDERS

A. GENERAL		
IB.1	Scope of Bid	1.1 The Employer as defined in the Bidding Data hereinafter called “the Employer” wishes to receive bids for the Disposal of Assets as described in these Bidding Documents and summarized in the Bidding Data .
		1.2 The successful Bidder will be expected to complete the Disposal of Assets within the time specified in the Bidding Data .
IB.2	Eligible Bidders	2.1 The Invitation to Bid is open to all Bidders meeting the following requirements at the time of submission of Bids and thereafter:
		<p>(a) A Bidder shall have the nationality of Pakistan or an Eligible Country. A Bidder shall be deemed to have the nationality of that country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. For the purpose of this clause, Eligible countries are those which have been notified by Ministry of Interior, Government of Pakistan as Business Friendly Countries (BVL); information can be accessed through following link:</p> <p style="text-align: center;">https://visa.nadra.gov.pk/business-visa-list-bvl/</p> <p>(b) A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this Bidding process, if the Bidder:</p> <ul style="list-style-type: none"> i. directly or indirectly controls, is controlled by or is under common control with another Bidder; or ii. receives or has received any direct or indirect subsidy from another Bidder; or iii. has the same legal representative as another Bidder; or iv. has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the Bid of another Bidder, or influence the decisions of the Employer regarding this bidding process; or v. any of its affiliates participated as a consultant in the preparation of these Bidding Documents; or vi. any of its affiliates has been hired (or is proposed to be hired) by the Employer as consultant for the Contract implementation. <p>(c) All partners constituting the Bidder including proposed</p>

	subcontractors do not appear in the list of debarred/ blacklisted firms and individuals on the websites of Federal & Provincial Procurement Regulatory Authorities and have not been declared debarred/ blacklisted by foreign country, international organizations or other foreign institutions.
IB.3 One Bid per Bidder	3.1 Each Bidder shall submit only one Bid either by himself, or as a partner in a joint venture. A Bidder who submits or participates in more than one Bid will be disqualified.
IB.4 Site Visit	<p>4.1 The Bidders will be allowed by the Employer to visit and examine the Assets at the date and time specified in the Bidding Data and obtain for themselves on their own responsibility all information that may be necessary for preparing the Bid and entering into a contract for Disposal of Assets. All cost in this respect shall be at the Bidder's own expense.</p> <p>4.2 The Bidders and any of their authorized personnel or agents will be granted permission by the Employer to enter upon his premises and lands for the purpose of such inspection, but only upon the express condition that the Bidders, their personnel and agents, will release and indemnify the Employer, his personnel and agents from and against all liability in respect thereof and will be responsible for death or personal injury, loss of or damage to property and any other loss, damage, costs and expenses incurred as a result of such inspection.</p>
B. BIDDING DOCUMENTS	
IB.5 Contents of Bidding Documents	5.1 The Bidding Documents are those stated below and should be read in conjunction with any Addenda issued in accordance with Clause IB.7:

	<ol style="list-style-type: none"> 1. Instructions to Bidders; 2. Bidding Data; 3. Evaluation Criteria and Eligibility Forms; 4. Letters of Bid (Letter of Technical Bid & Letter of Price Bid); 5. Schedules to Bid; 6. Standard Forms: <ol style="list-style-type: none"> i) Form of Bid Security; ii) Letter of Acceptance; iii) Form of Contract Agreement; iv) Form of Performance Security. 7. General Conditions of Contract (GCC); 8. Particular Conditions of Contract (PCC); and 9. Employer's Requirements. <p>5.2 The Bidders are expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of Bid submission will be at the Bidder's own risk.</p>
IB.6 Clarification of Bidding Documents, Pre-Bid Meeting	<ol style="list-style-type: none"> 6.1 Any prospective Bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Employer in writing at the Employer's address indicated in the Invitation to Bid. The Employer will respond to any request for clarification which he receives earlier than the period specified in the Bidding Data, prior to the deadline for submission of bids. 6.2 Copies of the Employer's response will be forwarded to all purchasers of the Bidding Documents, including a description of the enquiry but without identifying its source. 6.3 The Employer may, on his own or at the request of any prospective Bidder(s), hold a pre-bid meeting to clarify issues and to answer any questions on matters related to the Bidding Documents. The date, time and venue of pre-bid meeting, if convened, are as stipulated in the Bidding Data. All prospective Bidders or their authorized representatives shall be invited to attend such a pre-bid meeting. 6.4 The Bidders are requested to submit questions, if any, in writing so as to reach the Employer not later than seven (7) days before the proposed pre-bid meeting. 6.5 Minutes of the pre-bid meeting, including the text of the questions raised and the replies given, will be transmitted without delay to all purchasers of the Bidding Documents. Any modification of the Bidding Documents which may become necessary as a result of the pre-bid meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to Clause IB.7 and not through the minutes of the pre-bid meeting.

	6.6	Absence at the pre-bid meeting will not be a cause for the non-responsiveness of a Bid.
IB.7 Amendment of Bidding Documents	7.1	At any time prior to the deadline for submission of bids, the Employer may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by issuing addendum.
	7.2	Any addendum thus issued shall be part of the Bidding Documents and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective Bidders shall acknowledge receipt of each addendum in writing to the Employer.
	7.3	Such addendum shall be issued not later than number of days prior to the deadline for submission of bids, specified in the Bidding Data . To afford prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer may extend the deadline for submission of bids in accordance with Clause IB.17.
C. PREPARATION OF BIDS		
IB.8 Cost of Bidding	8.1	The Bidders shall bear all costs associated with the preparation and submission of their respective bids and the Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
IB.9 Language of Bid	9.1	The Bid and all correspondence and documents related to the Bid exchanged by a Bidder and the Employer shall be in the English language. Supporting documents and printed literature furnished by the Bidders may be in any other language provided the same are accompanied by duly certified translation of the relevant parts in the Bid language, in which case, for purposes of evaluation of the bid, the translation in Bid language shall prevail.
IB.10 Documents Comprising the Bid	10.1	<p>The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Bid and the other the Price Bid, containing the following documents:</p> <p>(A) Technical Bid</p> <ul style="list-style-type: none"> a) Duly filled in, signed and stamped Letter of Technical Bid in accordance with Clause IB.15 hereof; b) Bid Security in accordance with Clause IB.14 hereof; c) Written power of attorney authorizing the signatory of the Bid to act for and on behalf of the Bidder. The name and position held by each person signing the authorization must be typed or printed below the signature; d) Eligibility Forms duly filled in, signed and stamped along with requisite attachments, to establish that the Bidder meets

	<p>the Eligibility Criteria set out in the Section “Evaluation Criteria and Eligibility Forms”;</p> <p>e) furnish following Schedules to Bid duly filled-in and completed in accordance with Clause IB.15:</p> <table> <tr> <td>Schedule-B to Bid</td><td>[Proposed Activity Schedule]</td></tr> <tr> <td>Schedule-C to Bid</td><td>[Method of Performing the Dismantling and Disposal Work]</td></tr> <tr> <td>Schedule-D to Bid</td><td>[List of Major Equipment]</td></tr> <tr> <td>Schedule-E to Bid</td><td>[Organization chart for the supervisory staff]</td></tr> <tr> <td>Schedule-F to Bid</td><td>[Proposed Subcontractors]</td></tr> <tr> <td>Schedule-G to Bid</td><td>[Integrity Pact]</td></tr> </table> <p>f) An affidavit, on the specified format, shall be produced by all Bidders to the effect that they have the requisite capability to implement the restrictions on end-users and exports as set out in the relevant Conditions of Contract, and submitted with the Bid in accordance with GCC Clause 10.1.</p> <p>g) JV Agreement (if applicable) in accordance with Clause IB.10.2 hereof; and</p> <p>h) Any other documents required to be submitted with Technical Bid in accordance with these Bidding Documents.</p> <p>(B) Price Bid</p> <p>i) Duly filled in, signed and stamped Letter of Price Bid in accordance with Clause IB.15 hereof,</p> <p>j) Schedule-A to Bid [Price Schedule] duly filled-in and completed in accordance with Clause IB.15; and</p> <p>k) Any other documents required to be submitted with Price Bid in accordance with these Bidding Documents.</p> <p>10.2 Bids submitted by a joint venture shall comply with the following requirements:</p> <p>(a) the bid, and in case of a successful bid, the Form of Contract Agreement shall be signed by all members so as to be legally binding on all partners;</p> <p>(b) one of the joint venture partners shall be nominated as being the lead partner; and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners;</p> <p>(c) the lead partner shall always be duly authorized to deal with the Employer regarding all matters related with and/or incidental to the Disposal of Assets as per the terms and Conditions of Contract and in this regard to incur any and all liabilities, receive instructions, give binding</p>	Schedule-B to Bid	[Proposed Activity Schedule]	Schedule-C to Bid	[Method of Performing the Dismantling and Disposal Work]	Schedule-D to Bid	[List of Major Equipment]	Schedule-E to Bid	[Organization chart for the supervisory staff]	Schedule-F to Bid	[Proposed Subcontractors]	Schedule-G to Bid	[Integrity Pact]
Schedule-B to Bid	[Proposed Activity Schedule]												
Schedule-C to Bid	[Method of Performing the Dismantling and Disposal Work]												
Schedule-D to Bid	[List of Major Equipment]												
Schedule-E to Bid	[Organization chart for the supervisory staff]												
Schedule-F to Bid	[Proposed Subcontractors]												
Schedule-G to Bid	[Integrity Pact]												

	<p>undertakings and receive payments on behalf of the joint venture;</p> <p>(d) all partners of the joint venture shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract in accordance with the Contract terms and a statement to this effect shall be included in the authorization mentioned under Sub-Para(b) above as well as in the Letter of Technical Bid and in the Contract Agreement (in case of a successful bid); and</p> <p>(e) a copy of the agreement entered into by the joint venture partners shall be submitted with the bid stating the conditions under which it will function, its period of duration, the persons authorized to represent and obligate it and which persons will be directly responsible for due performance of the Contract and can give valid receipts on behalf of the joint venture, the proportionate participation and corresponding duties & responsibilities of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. No amendments/ modifications whatsoever in the joint venture agreement shall be agreed to between the joint venture partners without prior written consent of the Employer.</p>
	<p>10.3 Bidders shall also submit proposals of disposal work methods and schedule, in sufficient detail to demonstrate the adequacy of the Bidders' proposals to meet the Employer's Requirements and the completion time referred to in Sub-Clause IB.1.2 hereof.</p>
IB.11 Bid Prices	<p>11.1 The Bidder shall quote a fixed lump sum price exclusive of taxes per Lot in the Price Schedule. Prices quoted for each Lot shall correspond to 100% of the scope of Bid for each Lot.</p> <p>11.2 The total Bid Price quoted in the Price Schedule for each Lot shall be exclusive of any incidental charges, duties, all taxes including income tax and sales tax, cesses, commissions, fees and other levies, etc., which shall be paid/borne by and/or the liability of the Bidder as per the Applicable Law in relation to the Disposal of Assets.</p>
IB.12 Currency of Bid and Payment	<p>12.1 The Bid Price shall be quoted by the Bidder in any freely convertible currency and shall be paid by the Bidder to the Employer in the same currency.</p>
IB.13 Bid Validity	<p>13.1 Bids shall remain valid for the period stipulated in the Bidding Data after the date of Technical Bid Opening specified in Clause IB.20.</p> <p>13.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request that the Bidders extend the period of validity for a specified additional period which normally may not be more than the original bid validity period. The request and the responses thereto shall be made in</p>

	<p>writing. A Bidder may refuse the request without forfeiting his Bid Security. A Bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his Bid Security for the period of the extension, and in compliance with Clause IB.14 in all respects.</p>
IB.14 Bid Security (Security Deposit)	<p>14.1 Each Bidder shall furnish, as part of his bid, a Bid Security in original form in the amount stipulated in the Bidding Data in PKR or an equivalent amount in a freely convertible currency.</p> <p>14.2 The Bid Security shall be, at the option of the Bidder, in the form of Call Deposit Receipt (CDR)/ Pay Order or a Security issued in the prescribed form included in the Bidding Documents, by (a) a Scheduled Bank in Pakistan or (b) a foreign bank duly counter-guaranteed by a Scheduled Bank in Pakistan in favour of the Employer valid for a period 14 days beyond the Bid Validity date. The Bid Security of Joint Venture shall be in the name of Joint Venture or Lead/either Firm of the JV or in ratio of shares of the individual JV partners, submitting the bid.</p> <p>14.3 Any Bid not accompanied by an acceptable Bid Security shall be rejected by the Employer as non-responsive.</p> <p>14.4 The Bid Securities of the Bidders except the highest three will be returned by the Employer within twenty-eight (28) days from the opening of Bids, provided a Bidder requests for the return of its Bid Security, or upon the expiry of original validity of Bid Security or as extended, whichever is earlier.</p> <p>14.5 The Bid Security of the highest three Bidders including the successful Bidder will be returned when the successful Bidder has furnished the required Performance Security.</p> <p>14.6 The Bid Security may be forfeited:</p> <ul style="list-style-type: none"> (a) if the Bidder withdraws his bid except as provided in Sub-Clause IB.19.1; (b) in the case of successful Bidder, fails to furnish the required Performance Security. <p>14.7 In case of annulment, all Bids submitted and specially, Bid securities, shall be returned to the Bidders within 14 days of annulment.</p>
IB.15 Format and Signing of Bid	<p>15.1 Bidders are particularly directed that the amount entered on the Letter of Price Bid shall be for performing the Contract strictly in accordance with the Bidding Documents.</p> <p>15.2 All Schedules to Bid are to be properly completed and signed.</p> <p>15.3 No alteration is to be made in the Letters of Bid nor in the Schedules thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the Bid may be rejected.</p> <p>15.4 Each Bidder shall prepare by filling in the forms completely and without alterations one (01) original and Two (02) number of</p>

	<p>copies, specified in the Bidding Data, of the documents comprising the Bid as described in Clause IB.10 and clearly mark them “ORIGINAL” and ‘COPY” as appropriate. In the event of discrepancy between them, the original shall prevail.</p> <p>The Bidder shall also provide complete searchable PDF versions version of the Bid if so required in the Bidding Data.</p> <p>15.5 The original of the Bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the Bidder pursuant to Sub-Clause IB.10.1(c) hereof. All pages of the Bid shall be initialled and stamped by the person or persons signing the bid.</p> <p>15.6 The Bid shall contain no alterations, omissions or additions, except to comply with instructions issued by the Employer, or as are necessary to correct errors made by the Bidder, in which case such corrections shall be initialled by the person or persons signing the Bid.</p> <p>15.7 Bidders shall indicate in the space provided in the Letters of Bid their full and proper addresses at which notices may be legally served on them and to which all correspondence in connection with their bids and the Contract is to be sent.</p> <p>15.8 Bidders should retain a copy of the Bidding Documents and the Bid as their file copy.</p> <p>15.9 All documents executed outside Pakistan required to be submitted with the Bid must be certified by Pakistani Embassy in the respective country(ies).</p>
D. SUBMISSION OF BIDS	
IB.16 Sealing and Marking of Bids	<p>16.1 Each Bidder shall submit his Bid as under:</p> <ul style="list-style-type: none"> (a) ORIGINAL and each copy of the Bid shall be separately sealed and put in separate envelopes and marked as such. (b) The envelopes containing the ORIGINAL and copies will be put in one sealed envelope and addressed / identified as given in Sub Clause IB.16.2 hereof. <p>16.2 The inner and outer envelopes shall:</p> <ul style="list-style-type: none"> (a) be addressed to the Employer at the address provided in the Bidding Data; (b) bear the specific identification of this bidding process as specified in the Bidding Data; and (c) provide a warning not to open before the time and date for bid opening, as specified in the Bidding Data. <p>16.3 In addition to the identification required in Sub-Clause IB.16.2 hereof, the inner envelope shall indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared “late” pursuant to Clause IB.18.</p>

	16.4 If the outer envelope is not sealed and marked as above, the Employer will assume no responsibility for the misplacement or premature opening of the Bid.
IB.17 Deadline for Submission of Bids	<p>17.1 (a) Bids must be received by the Employer at the address specified no later than the time and date stipulated in the Bidding Data.</p> <p>(b) Bids with charges payable will not be accepted, nor will arrangements be undertaken to collect the bids from any delivery point other than that specified above. Bidders shall bear all expenses incurred in the preparation and delivery of Bids. No claims will be entertained for refund of such expenses.</p> <p>(c) Where delivery of a Bid is by mail and the Bidder wishes to receive an acknowledgment of receipt of such Bid, he shall make a request for such acknowledgment in a separate letter attached to but not included in the sealed Bid envelope.</p> <p>(d) Upon request, acknowledgment of receipt of Bids will be provided to those making delivery in person or by messenger.</p> <p>17.2 The Employer may, at his discretion, extend the deadline for submission of Bids by issuing an amendment in accordance with Clause IB.7, in which case all rights and obligations of the Employer and the Bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.</p>
IB.18 Late Bids	<p>18.1 (a) Any Bid received by the Employer after the deadline for submission of bids prescribed in Clause IB.17 shall be declared late, rejected and returned unopened to such Bidder.</p> <p>(b) Delays in the mail, delays of person in transit, or delivery of a Bid to the wrong office shall not be accepted as an excuse for failure to deliver a Bid at the proper place and time. It shall be the Bidder's responsibility to determine the manner in which timely delivery of his Bid will be accomplished either in person, by messenger or by mail.</p>
IB.19 Modification, Substitution and Withdrawal of Bids	<p>19.1 Any Bidder may modify, substitute or withdraw his Bid after Bid submission provided that the modification, substitution or written notice of withdrawal is received by the Employer prior to the deadline for submission of bids.</p> <p>19.2 The modification, substitution, or notice for withdrawal of any Bid shall be prepared, sealed, marked and delivered in accordance with the provisions of Clause IB.16 with the outer and inner envelopes additionally marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" as appropriate.</p>

	<p>19.3 No Bid may be modified by a Bidder after the deadline for submission of Bids except in accordance with Sub-Clauses IB.19.1.</p> <p>19.4 Withdrawal of a Bid during the interval between the deadline for submission of Bids and the expiration of the period of Bid validity specified in the Letter of Bid may result in forfeiture of the Bid Security in pursuance to Clause IB.14.</p>
E. BID OPENING AND EVALUATION	
IB.20 Bid Opening	<p>20.1 The Employer will open the Technical Bids including withdrawals, substitution and modifications made pursuant to Clause IB.19, in the presence of Bidders' representatives who choose to attend, at the address, date and time specified in the Invitation for Bids. The Bidders' representatives who are present shall sign a register evidencing their attendance. The Price Bids will remain unopened and will be held in custody of the Employer until the specified time of their opening.</p> <p>The envelopes marked 'Technical Bids' shall be opened one at a time, and the following read out and recorded:</p> <ul style="list-style-type: none"> (a) the name of the Bidder; (b) whether there is a modification or substitution; (c) the presence or absence of Bid Security; and (d) any other details as the Employer may consider appropriate. <p>20.2 Envelopes marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" shall be opened and read out first. Bids for which an acceptable notice of withdrawal has been submitted pursuant to Clause IB.19 shall not be opened. Only bids that are opened and read out at Bid opening shall be considered further.</p> <p>20.3 At the end of the evaluation of the Technical Bids, the Employer will invite only those bidders who have submitted substantially responsive Technical Bids to attend the opening of the Price Bids. The date, time, and location of the opening of Price Bids will be advised in writing by the Employer.</p> <p>The envelopes marked 'Price Bids' shall be opened one at a time and the following read out and recorded:</p> <ul style="list-style-type: none"> (a) the name of the Bidder; (b) whether there is a modification or substitution; (c) the Bid Price per Lot; and (d) any other details as the Employer may consider appropriate. <p>The Letter of Price Bid and the Price Schedule shall be initialled by representative(s) of the Employer attending Bid opening. The Employer shall neither discuss the merits of any Bid nor</p>

	<p>reject any Bid (except for late Bids, in accordance with Sub-Clause IB 18.1).</p> <p>20.4 The Employer shall prepare minutes of the Bid opening, including the information disclosed to those present in accordance with the Sub-Clause IB.20.3.</p>
IB.21 Process to be Confidential	<p>21.1 Information relating to the examination, clarification, evaluation and comparison of Bids and recommendations for the award of Contract shall not be disclosed to Bidders or any other person not officially concerned with such process before the announcement of the result of Bid evaluation in the form of respective evaluation report giving justification for acceptance or rejection of Bids which shall be done in accordance with Rule 35 of Public Procurement Rules, 2004. Any effort by a Bidder to influence the Employer's processing of Bids or Contract award decisions may result in the rejection of such Bidder's Bid. Whereas any Bidder feeling aggrieved may lodge a written complaint in accordance with Rule 48 of Public Procurement Rules, 2004.</p>
IB.22 Clarification of Bids	<p>22.1 To assist in the examination, evaluation and comparison of Bids, the Employer may, at his discretion, ask any Bidder for clarification of his Bid, including breakdowns of lump sum price. Any clarification submitted by a Bidder that is not in response to a request by the Employer shall not be considered. The request for clarification and the response shall be in writing. No change in the price or substance of the Bid shall be sought, offered or permitted.</p> <p>22.2 The Employer may, at his discretion, ask any Bidder for confirmation/submission of missing information to clarify its Bid. However, the Employer does not have an obligation to request any additional information or clarification with respect to missing or deficient information in a Bid. The Employer may reject any Bid as non-responsive if found materially incomplete, obscure, irregular or omitting any material information required to be submitted in accordance with the Bidding Documents.</p> <p>22.3 If a Bidder does not provide clarifications of its Bid by the date and time set reasonably (not less than seven (7) days) in the Employer's request for clarification, the Employer may proceed with the evaluation based on the information submitted in the Bid without waiting for the Bidder's response.</p>
IB.23 Examination of Bids and Determination of Responsiveness	<p>23.1 Prior to the comparison of Bids, the Employer will determine whether each Bid is substantially responsive to the requirements of the Bidding Documents.</p> <p>23.2 The Employer's determination of a Bid's responsiveness is to be based on the contents of the Bid itself, as defined in Sub-Clause IB.10.</p> <p>23.3 A substantially responsive Bid is one which meets the requirements of the Bidding Documents, without material</p>

	<p>deviation, reservation or omission. A material deviation, reservation or omission is one that,</p> <ul style="list-style-type: none"> (a) if accepted, would: <ul style="list-style-type: none"> (i) affect in any substantial way the scope, quality or performance of the disposal work; or (ii) limit in any substantial way, inconsistent with the Bidding Documents, the Employer's rights or the Bidder's obligations under the proposed Contract; or (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids. <p>23.4 During the evaluation of Bids, the following definitions apply:</p> <ul style="list-style-type: none"> (a) "Deviation" is a departure from the requirements specified in the Bidding Documents; (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Documents; and (c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Documents. <p>23.5 The Employer shall examine the technical aspects of the Bid submitted in accordance with Sub-Clause IB.10.1, in particular, to confirm that all requirements stated in Employer's Requirements have been met without any material deviation, reservation or omission.</p> <p>23.6 If a Bid is not substantially responsive to the requirements of the Bidding Documents, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation, reservation or omission.</p>
<p>IB.24 Nonmaterial Nonconformities</p>	<p>24.1 Provided that a Bid is substantially responsive, the Employer may, in its discretion, waive any nonmaterial nonconformities in the Bid.</p> <p>24.2 Provided that a Bid is substantially responsive, the Employer may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities in the Bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.</p> <p>24.3 Provided that a Bid is substantially responsive, the Employer shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a non-conforming item.</p>

<p>IB.25 Evaluation and Comparison of Bids</p>	<p>25.1 The Employer will evaluate and compare only the Bids determined to be substantially responsive in accordance with Clause IB.23. The Employer shall use the criteria and methodologies listed in this Clause. No other evaluation criteria or methodologies shall be permitted.</p> <p>25.2 In evaluating and comparing the Bids, the Employer will determine for each Bid the evaluated Bid Price by adjusting the Bid Price as follows:</p> <ul style="list-style-type: none"> (a) making an appropriate price adjustment for any quantifiable nonmaterial nonconformities in accordance with Sub-Clause IB.24.3; and (b) the additional evaluation factors are specified in Section Evaluation Criteria and Eligibility Forms. <p>25.3 To facilitate evaluation and comparison, the Employer will convert all Bid Prices expressed in various currencies to Pak. Rupees at the TT Selling Rates published or authorized by the State Bank of Pakistan prevailing on the date of opening of Bids, provided on the following website:</p> <p>www.nbp.com.pk/RATESHEET/index.aspx</p>
<p>F. AWARD OF CONTRACT</p>	
<p>IB.26 Award Criteria</p>	<p>26.1 Subject to Clauses IB.27 and IB.33, the Employer will award the Contract to the Bidder whose Bid has been determined as most advantageous Bid (substantially responsive to requirements of the Bidding Documents with the highest evaluated Bid Price).</p> <p>26.2 In case two or more Bidders have submitted equal/identical Bid Prices, and their Bids have been evaluated as most advantageous bids, the Employer shall provide the opportunity to these Bidders to submit revised Bid Prices which shall not be less than the Bid Price offered earlier in accordance with Regulation 23 of Disposal of Assets Regulations, 2024 issued by Public Procurement Regulatory Authority (PPRA). Those revised Bid Prices shall be opened and read out on the same day in the presence of the Bidders. The Price Bids shall then be evaluated in accordance with provisions of the Bidding Documents.</p>
<p>IB.27 Employer's Right to Annul the Bidding Process</p>	<p>27.1 Notwithstanding Clause IB.26, the Employer reserves the right to annul the bidding process and reject all Bids, at any time prior to award of Contract, without thereby incurring any liability to the affected Bidders or any obligation.</p> <p>The Employer shall upon request communicate to any Bidder who submitted a Bid, the grounds for its rejection of all Bids but is not required to justify those grounds. Rejection of all Bids shall be notified to all Bidders promptly.</p>
<p>IB.28 Notification of Award</p>	<p>28.1 Prior to expiration of the period of Bid validity prescribed by the Employer, the Employer will notify the successful Bidder in writing ("Letter of Acceptance") that his Bid has been accepted.</p>

	<p>This letter shall name the sum which the Contractor will pay to the Employer in consideration of the Disposal of Assets as prescribed by the Contract (hereinafter and in the Conditions of Contract called the “Contract Price”).</p> <p>28.2 No negotiation with the Bidder having submitted most advantageous Bid or any other Bidder shall be permitted, however, Employer may have clarification meetings before issuing Letter of Acceptance to get clarified any item in the Bid evaluation report.</p> <p>28.3 The Letter of Acceptance/ notification of award and its acknowledgement/acceptance by the Bidder will constitute the formation of the Contract, binding the Employer and the Bidder till signing of the formal Contract Agreement.</p> <p>28.5 Upon furnishing by the successful Bidder of a Performance Security, the Employer will promptly notify the other Bidders that their Bids have been unsuccessful and return their Bid securities in accordance with Sub-Clause IB.14.5.</p>
IB.29 Performance Security	<p>29.1 The successful Bidder shall furnish to the Employer a Performance Security in the form and the amount stipulated in the Conditions of Contract, within a period of 14 days after the receipt of Letter of Acceptance.</p> <p>29.2 Failure of the successful Bidder to comply with the requirements of Sub Clause IB.29.1 or Clauses IB.30 or IB.31 shall constitute sufficient grounds for the annulment of the award, forfeiture of the Bid security and to award the Contract to the Bidder having submitted next advantageous Bid.</p>
IB.30 Signing of Contract Agreement	<p>30.1 Within 07 days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Employer will notify the successful Bidder to depute its representative with appropriate Power of Attorney to sign the Contract Agreement in the form provided in the Bidding Documents, incorporating all agreements between the parties.</p> <p>30.2 The formal Agreement between the Employer and the successful Bidder shall be executed within 07 days of the receipt of the above stated notification by the successful Bidder from the Employer.</p>
IB.31 Integrity Pact	<p>31.1 The Bidder shall sign and stamp the Integrity Pact provided at Schedule-G to Bid in the Bidding Documents for all Federal Government procurement contracts exceeding PKR ten million. Failure to provide such Integrity Pact shall make the Bid non-responsive.</p>
IB.32 Instructions not Part of Contract	<p>32.1 Bids shall be prepared and submitted in accordance with the Instructions to Bidders which are provided to assist the Bidders in preparing Bids but do not constitute part of the Contract.</p>

<p>IB.33 Corrupt and Fraudulent Practices</p>	<p>33.1 The Employer will reject a Bid if it determines that the Bidder recommended for award, or any of its personnel, or its agents, or its sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract under this bidding.</p> <p>33.2 The Employer will blacklist and hence forthwith debar a Constructor or individual, at any time, in accordance with the prevailing Public Procurement Rules 2004.</p>
---	---

BIDDING DATA (BD)

BIDDING DATA

IB Sub-Clause Reference	Bidding Data				
1.1 (Scope of Bid)	<p><u>Name and address of the Employer:</u></p> <p>Central Power Generation Company Limited (CPGCL), GENCO-II, Thermal Power Station Guddu, District Kashmore, represented by Chief Executive Officer</p>				
1.1 (Scope of Bid)	<p><u>List of Assets:</u></p> <p>Disposal of Redundant, Old and Defunct Power Plants of CPGCL comprising the following Lots:</p> <ul style="list-style-type: none"> • Lot-1 TPS Sukkur (50MW) • Lot-2 TPS Quetta (57.1MW) <p>The detailed scope of the Bid under each Lot is set out in the “Employer’s Requirements”.</p> <p>The Bidders are free to quote for one or multiple Lots but must bid for the complete scope of Bid under each Lot that it has bid for.</p>				
1.2 (Scope of Bid)	<p>Time for Completion for the Disposal of Assets for each Lot is as under:</p> <table> <tr> <td>Lot-1 TPS Sukkur (50MW)</td><td>10 Months from the Commencement Date</td></tr> <tr> <td>Lot-2 TPS Quetta (57.1MW)</td><td>10 Months from the Commencement Date</td></tr> </table>	Lot-1 TPS Sukkur (50MW)	10 Months from the Commencement Date	Lot-2 TPS Quetta (57.1MW)	10 Months from the Commencement Date
Lot-1 TPS Sukkur (50MW)	10 Months from the Commencement Date				
Lot-2 TPS Quetta (57.1MW)	10 Months from the Commencement Date				
4.1 (Site Visit)	The Bidders will be allowed to visit and examine the Assets under the respective Lot during office hours on any day but not later than seven (07) days prior to the deadline for submission of bids.				
6.1 (Clarification of Bidding Documents, Pre-Bid Meeting)	Time limit for clarification: Seven (07) days prior to the deadline for submission of bids.				
6.3 (Clarification of Bidding Documents, Pre-Bid Meeting)	<p>Date: February 19, 2025</p> <p>Time: 11:00 AM</p> <p>Venue: GENCO HOLDING COMPANY LIMITED, 1st Floor, Overseas Pakistan Foundation (OPF) Building, Shah-Rah-E-Jamhoriyat, Sector G-5/2, Islamabad.</p>				
7.3 (Amendment of Bidding Documents)	<p>Number of days: Seven (07) days prior to the deadline for submission of bids.</p> <p>Addendum shall also be uploaded on the Employer’s website at www.cpgcl.com.pk</p>				
13.1 (Bid Validity)	Period of Bid Validity: Ninety (90) days				

14.1 Bid Security (Security Deposit)	Amount of Bid Security (Security Deposit): <ul style="list-style-type: none"> • Lot-1: PKR 9,679,033.28 • Lot-2: PKR 11,828,582.74
15.4 (Format and Signing of Bid)	Number of copies of the Bid to be completed and submitted: two (02) copies. Searchable pdf version of the Bid is required: Yes. The same shall be provided as a soft copy via a USB device.
16.2(a) (Sealing and Marking of Bids)	Employer's address for the purpose of Bid submission: Central Power Generation Company Limited (CPGCL), GENCO-II, Thermal Power Station Guddu, District Kashmore, represented by Chief Executive Officer
16.2(b) (Sealing and Marking of Bids)	Name and Number of the Contract: Contract No. T-Disp-01 Disposal of Redundant, Old and Defunct Power Plants of CPGCL.
17.1(a) (Deadline for Submission of Bids)	Deadline for submission of Bids: As stated in the Invitation to Bid.

EVALUATION CRITERIA AND ELIGIBILITY FORMS

EVALUATION CRITERIA AND ELIGIBILITY FORMS

1. General

This Section contains Evaluation Criteria that the Employer shall use to evaluate Bids in accordance with Clauses IB.23 of Instructions to Bidders. The Bidder shall provide all the information requested in the relevant forms contained in Bidder's Eligibility Forms provided herein.

The information provided in the forms shall be substantiated with valid documentary evidences otherwise the requirement will not be considered as complied.

Wherever a Bidder is required to state a monetary amount, Bidders shall indicate the PKR equivalent using the rate of exchange determined as follows:

- For financial data - Exchange rate prevailing on the last day of the respective financial year
- Exchange rates shall be taken from the publicly available source identified in the Sub-Clause IB.25.3. Any error in determining the exchange rates in the Bid may be corrected by the Employer.

2. Evaluation (IB 25.2(b))

In addition to the criteria listed in IB 25.2 (a), the following criteria shall apply:

2.1 Assessment of adequacy of Technical Proposal with Employer's Requirements

The technical proposal will be examined taking into account the various Schedules to Bid, particularly the following, to confirm their conformance with the Employer's Requirements:

- Schedule-B to Bid [Proposed Activity Schedule]
- Schedule-C to Bid [Method of Performing the Dismantling and Disposal Work]
- Schedule-D to Bid [List of Major Equipment]
- Schedule-E to Bid [Organization chart for the supervisory staff]
- Schedule-F to Bid [Proposed Subcontractors]

2.2 Multiple Contracts, if permitted under Sub-Clause 1.1 of Bidding Data, will be evaluated as follows:

Bidders have the option to bid for any one or multiple Lots. Bids will be evaluated lot-wise. The contract(s) will be awarded to the Bidder(s) offering the highest evaluated Bid Price to the Employer in each Lot.

3. Eligibility

Eligibility information described here below must be met by the legal entity(ies) comprising the Bidder, and not the Bidder's/JV partner's sister or parent companies, subsidiaries or affiliates.

Eligibility Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture			Submission Requirements
				All Partners Combined	Each Member	Lead Member	
1. Eligibility							
1.1	Nationality	Nationality in accordance with Sub-Clause IB.2.1 (a).	Must meet requirement	N/A	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments
1.2	Conflict of Interest	No Conflict of Interest in accordance with Sub-Clause IB.2.1 (b).	Must meet requirement	N/A	Must meet requirement	N/A	Undertaking in the Letter of Technical Bid
1.3	Debarment/Blacklisting	Not having been debarred/blacklisted in accordance with paragraph Sub- Clause IB.2.1 (c).	Must meet requirement	N/A	Must meet requirement	N/A	Undertaking in the Letter of Technical Bid

Bidders Eligibility Forms

To establish its eligibility to perform the contract in accordance with Section (Evaluation Criteria and Eligibility Forms) the Bidder shall provide the information requested in the corresponding Information Sheets included hereunder.

Form ELI -1.1

Bidder Information Form

Date: _____
Bid Reference No. and title: _____
Page _____ of _____ pages

Bidder's name
In case of Joint Venture (JV), name of each member:
Bidder's country of registration: <i>[indicate country of Constitution]</i>
Bidder's year of incorporation:
Bidder's legal address [in country of registration]:
Bidder's authorized representative information Name: _____ Address: _____ Telephone/Fax numbers: _____ _____
E-mail address: _____
1. Attached are copies of original documents, in accordance with Sub-Clause IB 2.1.

Form ELI -1.2

Bidder's JV Information Form
(to be completed for each member of Bidder's JV)

Date: _____
Bid Reference No. and title: _____
Page _____ of _____ pages

Bidder's JV name:

JV member's name:

JV member's country of registration:

JV member's year of constitution:

JV member's legal address in country of constitution:

JV member's authorized representative information

Name: _____

Address: _____

Telephone/Fax numbers: _____

E-mail address: _____

Form BOI- 1

Declaration of Ultimate Beneficial Owners Information for Public Procurement Contracts

1. Name:
2. Father's Name/Spouse's Name:
3. CNIC/NICOP/Passport no.:
4. Nationality:
5. Residential address:
6. Email address:
7. Date on which shareholding, control or interest acquired in the business:
8. In case of indirect shareholding, control or interest being exercised through intermediary companies, entities or other legal persons or legal arrangements in the chain of ownership or control, following additional particulars to be provided:

			1	2	3	4	5	6	7	8	9	10
			Name	Legal form (Company/Limited Liability Partnership/Association of Persons/Single Member Company/Company/Partnership Firm/Trust/Any other individual, body corporate (to be specified))	Date of incorporation / Registration	Name of Registering Authority	Business Address	Country	Email Address	Percentage of shareholding, control or interest of BO in the legal person or legal arrangement	Percentage of shareholding, control or interest of legal person or legal arrangement in the Company	Identity of Natural Person who ultimately owns or controls the legal person or arrangement

9. Information about Board of Directors (details shall be provided regarding number of shares in the capital of the company as set opposite respective names)

1	2	3	4	5	6	7	8
Name and surname (<i>In Block Letters</i>)	CNIC No. (<i>in case of foreigner, Passport No</i>)	Father' s / Husband' s Name in Full	Current Nationality	Any other Nationality (ies)	Occupation	Residential address in full or the registered / principal office address for a subscriber other than natural person	Number of shares taken by each subscriber (<i>in figures and words</i>)
			Total Number of Shares taken (<i>in figure and words</i>)				

10. Any other information incidental to or relevant to Beneficial Owner(s).

Name & Signature

(*Person authorized to issue notice ion behalf of the company*)

AFFIDAVIT

(Undertaking for the capability to implement restrictions on end-users and exports)

[On letterhead of Bidder]

We, *[insert name of the Bidder]*, intend to submit/have submitted a sealed bid, to the *[insert name of the Employer]*, in respect of the Bid for..... *[particulars of Bid]*. The terms and conditions of the Bidding Documents contain, inter alia, restrictions on the end-users and/or exports of the assets for disposal, as specified in the Conditions of Contract.

We, the Bidder, do hereby solemnly affirm and declare that we have the necessary and adequate means and resources to implement the said restrictions in letter and spirit.

We, the Bidder, fully understand that failure to meet this condition shall result in rejection of our bid at any stage, being non-responsive, or termination of the Contract, and shall further lead to the civil and criminal action under the Applicable Law.

Name of Bidder: _____

Name & Signature of Authorized Representative _____

Dated: _____

Seal:

**LETTERS OF BID
AND
SCHEDULES TO BID**

LETTER OF TECHNICAL BID

Bid Reference No. **T-Disp-01**

Disposal of Redundant, Old and Defunct Power Plants of CPGCL

To:

Chief Executive Officer,
Central Power Generation Company Limited (CPGCL),
Thermal Power Station, Guddu.

Gentleman,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Employer's Requirements, Schedules to Bid including Price Schedule and Addenda Nos. _____ for the Disposal of the above-named Assets, we, the undersigned, offer to execute and complete such Disposal in conformity with the said Bidding Documents and Addenda.
2. We meet the eligibility requirements in accordance with IB.2.
3. We are not debarred/ blacklisted by the Employer, any Government/Semi Government/Public Department in Pakistan or foreign country, international organizations or other foreign institutions.
4. We, including Subcontractors for any part of the Contract, if any, shall have the nationalities from Pakistan or eligible countries, in accordance with IB.2.1(a).
5. We understand that all the Schedules attached hereto form part of this Bid.
6. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of PKR _____ (Pak. Rupees. _____) *[in case of multiple lots, insert the Bid Security amount of each lot in words and figure]* drawn in your favour or made payable to you and valid for a period of _____ days beginning from the date Bids are opened, inclusive of 14 days beyond Bid validity period (as mentioned at Sr. No. 8 below).
7. We undertake, if our Bid is accepted, to commence the Disposal of Assets and to complete the whole of the Disposal comprised in the Contract within the time stated in Conditions of Contract.
8. We agree to abide by this Bid (Technical Bid and Price Bid) for the period of _____ days, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
9. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
10. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other Bidder for the Disposal of Assets.
11. We understand that you are not bound to accept the highest or any Bid you may receive.

12. We have furnished the required information in accordance with beneficial ownership form [Form BOI-1] provided in Bidders Eligibility Forms.
13. We undertake that all the information and documents submitted with the Bid are genuine, and in case of incorrect information of fake documents we shall be liable for punitive action under the Applicable Law.
14. We confirm, if our Bid is accepted, that all partners of the joint venture shall be liable jointly and severally for the execution of the Contract and the composition or the constitution of the joint venture shall not be altered without the prior consent of the Employer. (Please delete in case of Bid from a single firm).

Dated this _____ day of _____ 20____

Signature: _____

in the capacity of _____ duly authorized to sign Bids for and on behalf of

(Name of Bidder in Block Capitals)
(Seal)

Address: _____

Witness:

Signature: _____

Name: _____

Address. _____

Occupation _____

LETTER OF PRICE BID

Bid Reference No. **T-Disp-01**

Disposal of Redundant, Old and Defunct Power Plants of CPGCL

To:

Chief Executive Officer,
Central Power Generation Company Limited (CPGCL),
Thermal Power Station, Guddu.

Gentleman,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Employer's Requirements, Schedules to Bid including Price Schedule and Addenda Nos. _____ for the Disposal of the above-named Assets, we, the undersigned, offer to execute and complete such Disposal in conformity with the said Bidding Documents and Addenda for the sum of: *[Insert one of the options below as appropriate]*

[Option 1, in case of one lot:] Total price is: [insert the total price of the Bid in words and figures, indicating the amount and the respective currency];

Or

[Option 2, in case of multiple lots:] (a) Total price of each lot [insert the total price of each lot in words and figures, indicating the amount and the respective currency]; and (b) Total price of all lots (sum of all lots) [insert the total price of all lots in words and figures]

2. We understand that all the Schedules attached hereto form part of this Bid.
3. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
4. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other Bidder for the Disposal of Assets.
5. We understand that you are not bound to accept the highest or any Bid you may receive.

Dated this _____ day of _____ 20____

Signature: _____

in the capacity of _____ duly authorized to sign Bids for and on behalf of

(Name of Bidder in Block Capitals)

(Seal)

Address: _____

Witness:

Signature:

Name: _____

Address. _____

Occupation _____

A-1
Schedule-A to Bid

PRICE SCHEDULE

Preamble

1. The Price Schedule shall be read in conjunction with the Conditions of Contract and Employer's Requirements.
2. The Bidder shall quote a fixed lump sum price per Lot in the Price Schedule. Prices quoted for each Lot shall correspond to 100% scope of Bid for each Lot.
3. The total Bid price quoted in the Price Schedule shall be exclusive of all costs of Contractor's plant, labour, supervision, execution, insurance, profit, together with all general risks, liabilities and obligations set out or implied in the Contract which shall be borne by the Bidder. Moreover, the total Bid Price quoted in the Price Schedule for each Lot shall be exclusive of any incidental charges, duties, all taxes including income tax and sales tax, cesses, commissions, fees and other levies, etc., which shall be paid/borne by and/or the liability of the Bidder as per the Applicable Law in relation to the Disposal of Assets.
4. General directions and description of work are not necessarily repeated nor summarized in the Price Schedule. References to the relevant sections of the Bidding Documents shall be made before entering prices against each Lot in the Price Schedule.
5. For the avoidance of doubt, all expenses incurred in connection with deploying labor for handling, lifting, removal, loading, weighing and transportation of Assets under the respective lot shall be borne by the successful Bidder.

Price Schedule

Serial No.	Description of Lot	Reserve Price (PKR)	Lump sum Bid Price and currency
1.	Lot-1:	483,951,664	
2.	Lot-2:	591,429,137	

PROPOSED ACTIVITY SCHEDULE

The whole of the Disposal of Assets for each Lot shall be completed within the time for completion stated as hereunder:

Description	Time for Completion (Months)
Disposal of Assets	Lot-1: 10 Months Lot-2: 10 Months

[The Bidder shall provide, its Proposed Activity Schedule in the bar chart (CPM, PERT or any other to be specified herein) showing the sequence of work items and the period of time during which he proposes to complete each work item in such a manner that his proposed programme for completion of the whole of the Disposal of Assets may meet Employer's completion target in days noted above and counted from the Commencement Date (Attach sheets as required for the specified form of Disposal Plan/Schedule)]

Note: The Bidder shall submit its Proposed Activity Schedule for each Lot separately.

METHOD OF PERFORMING THE DISMANTLING & DISPOSAL WORK

[The Bidder is required to submit a narrative outlining the method of performing the disposal work. The narrative should indicate in detail and include but not be limited to:

In this form, the Bidder shall provide its Organization Chart indicating all positions that will be employed in Head Office, Site Office, etc., (whichever applicable) including the key positions. Bidder shall also mention the job description of each key position.

The Bidder is required to submit a narrative outlining the method of performing the Disposal work. The narrative should indicate in detail and include but not be limited to:

- The sequence and methods in which he proposes to carry out the Disposal work, including the number of shifts per day and hours per shift, he expects to work.
- The procedure for dismantling of equipment and transportation of equipment and materials from the site.
- The Bidder shall provide description of his construction camp's facilities and staff housing requirements.
- The Bidder shall submit comprehensive and concise Health, Safety and Environmental (HSE) Plan that outlines the health, safety and environmental procedures to be implemented during the execution of work at the Project Site.

**D-1
Schedule-D to Bid****LIST OF MAJOR EQUIPMENT**

[The Bidder will provide on Sheet D-2 of this Schedule a list of all major equipment and related items, under separate heading for items owned, to be purchased or to be arranged on lease by him to carry out the Disposal of Assets. The information shall include make, type, capacity, and anticipated period of utilization for all equipment.]

The Bidder shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment.]

**D-2
Schedule-D to Bid****LIST OF MAJOR EQUIPMENT****Owned, Purchased or Leased**

Owned Purchased or Leased	Description of Unit (Make, Model, Year)	Capacity HP Rating	Condition	Present Location or Source	Date of Delivery at Site	Period of Work on Project
1	2	3	4	5	6	7
a. Owned						
b. To be Purchased						
c. To be arranged on Lease						

D-3
Schedule-D to Bid

LIST OF MAJOR EQUIPMENT

Equipment details

The Bidder shall provide adequate information and details to demonstrate clearly that it has the capability to carry out the Works at Site, including number of each kind, make, type, capacity of all equipment, working condition, which shall be deployed by him for the Works including requirements indicated in Employer's Requirement, using the Forms below. A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Bidder.

Item of equipment		
Equipment information	Name of manufacturer	Model and power rating
	Capacity	Year of manufacture
Current status	Current location	
	Details of current commitments	
Source	Indicate source of the equipment <input type="checkbox"/> Owned <input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured	
The following information shall not be applicable for equipment owned by the Bidder		
Owner	Name of owner	
	Address of owner	
	Telephone	Contact name and title
	Fax	Telex
Agreements	Details of rental / lease / manufacture agreements specific to the project	

ORGANIZATION CHART
FOR THE
SUPERVISORY STAFF AND LABOUR

F-1
SCHEDULE – F TO BID

PROPOSED
SUBCONTRACTORS

The Bidder will do the work with his own forces except the work listed below which he intends to sub-contract.

<u>Items of Work</u> <u>to be Sub-Contracted</u>	<u>Name and address of</u> <u>Sub-Contractor</u>	<u>Statement of similar</u> <u>works previously executed</u> <u>(attach evidence)</u>
---	---	---

Note:

1. No change of Sub-Contractor shall be made by the bidder without prior approval of the Employer.
2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the Bidder. The Employer's judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
3. Statement of similar works shall include description, location & value of work, year completed and name & address of the clients.
4. Notarized English translation shall also be attached if any document is not in English language.
5. All documents shall reflect experience of the legal entity or entities comprising the Bidder and not the Bidder's parent companies, subsidiaries or affiliates.

G-1
Schedule-G to Bid

INTEGRITY PACT
DECLARATION OF FEES, COMMISSION AND BROKERAGE, ETC.
PAYABLE BY THE BIDDERS/CONTRACTORS OF GOODS, SERVICES & WORKS IN
CONTRACTS WORTH PAK. RS. 10.00 MILLION OR MORE

Contract No. _____

Dated _____

Contract Value: _____

Contract Title: As stated in Letter of Price Bid

..... [Name of Bidder/Contractor] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan (GoP) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoP through any corrupt business practice.

Without limiting the generality of the foregoing, [Name of Bidder/ Contractor] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[Name of Bidder/Contractor] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[Name of Bidder/Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [name of Bidder/Contractor] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Bidder/Contractor] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

Name of Employer:

Signature:

[Seal]

Name of Bidder/Contractor:

Signature:

[Seal]

STANDARD FORMS

BS-1

FORM OF BID SECURITYSecurity Executed on _____
(Date)Expiry on _____
(Date)

Name of Surety with Address: _____

Name of Principal (Bidder) with Address _____

Penal Sum of Security PKR _____ (Pak Rupees _____)

Bid Reference No. _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal (Bidder) we, the Surety above named, are held and firmly bound unto _____

(hereinafter called the 'Employer') in the sum stated above for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Bidder has submitted the accompanying Bid dated _____ for _____
(Particulars of Bid and/or description of the Lot) to the said Employer; and

- (1) WHEREAS, the Employer has required as a condition for considering said Bid that the Bidder furnishes a Bid Security in the above said sum to the Employer, conditioned as under: that the Bid Security shall remain in force for a period fourteen (14) days beyond the Bid Validity date i.e., upto _____.
- (2) that the Bid Securities of the Bidders except the highest three will be returned by the Employer within twenty eight (28) days from the opening of Bids, provided a Bidder request for the return of its Bid Security, or on the expiry of original validity of Bid Security or as extended, whichever is earlier;
- (3) that the Bid Security of the highest three Bidders comprising the successful Bidder will be returned when the successful Bidder has furnished the required Performance Security; and
- (4) that in the event of failure of the successful Bidder to furnish the required Performance Security, the entire said sum be paid immediately to the said Employer pursuant to IB.14 and IB.29 of the Instructions to Bidders for the successful Bidder's failure to perform.

NOW THEREFORE, if the successful Bidder shall, within the period specified therefor, on the prescribed form presented to him for signature enter into a formal Contract with the said Employer in accordance with his Bid as accepted and furnish within fourteen (14) days of his being requested to do so, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Employer for the faithful performance and proper fulfillment of the said Contract or in the event of non-withdrawal of the said Bid within the time

specified for its validity then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Surety shall forthwith pay the Employer the said sum upon first written demand of the Employer (without cavil or argument) and without requiring the Employer to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Employer by registered post duly addressed to the Surety at its address given above.

PROVIDED ALSO THAT the Employer shall decide, whether the Principal (Bidder) has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Surety shall pay without objection the said sum upon demand from the Employer forthwith and without any reference to the Principal (Bidder) or any other person.

IN WITNESS WHEREOF, the above bounden Surety has executed the instrument under its seal on the date indicated above, the name and seal of the Surety being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

SURETY
(Scheduled Bank)

WITNESS:

Signature _____

1. _____

Name _____

Corporate Secretary (Seal)

Title _____
Corporate Guarantor (Seal)

2. _____

Name, Title & Address

FORM OF PERFORMANCE SECURITY (Bank Guarantee)

Guarantee No. _____

Executed on _____

Expiry date _____

[Letter by the Guarantor to the Employer]

Name of Guarantor with address: _____

Name of Principal (Contractor) with address: _____

Penal Sum of Security (*express in words and figures*) _____

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Employer) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Employer, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Employer's above said Letter of Acceptance for _____

_____ (*Name of Contract*) for the __________ (*Name of Project*).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Employer, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue, including thirty (30) days following the date of completion of the Contractor's performance obligations under the Contract, as to be certified by the Employer by issuance of the Completion Certificate.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defense under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand without cavil or arguments

PS-2

and without requiring the Employer to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Employer's written declaration that the Principal has refused or failed to perform the obligations under the Contract which payment will be effected by the Guarantor to Employer's designated Bank & Account Number.

PROVIDED ALSO THAT the Employer shall decide, whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Employer forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Guarantor
(Scheduled Bank)

WITNESS:

Signature _____

1. _____

Name _____

Corporate Secretary (Seal)

Title _____
Corporate Guarantor (Seal)

2. _____

Name, Title & Address

LOA-1

Letter of Acceptance

[Letterhead paper of the Employer]

NAME OF CONTRACT: _____ CONTRACT NUMBER: _____

TO : _____

Date: _____ Your Reference: _____

Our Reference: _____

We thank you for your Bid dated ____ for the Disposal of Assets (*insert Lot No.*) comprising the above-named Contract, all in conformity with the terms and conditions contained in the Contract.

We have pleasure in accepting your Bid for the Contract Price of:

[currency and amount in figures]

We acknowledge that this Letter of Acceptance creates a binding Contract between us, and we undertake to fulfill all our obligations and duties in accordance with the terms of this Contract.

You are hereby required to furnish the Performance Security in the form and the amount in accordance with Sub-Clause IB.29.1 within a period of fourteen (14) days after the receipt of Letter of Acceptance.

You shall depute your authorized representative with Power of Attorney to sign the Contract Agreement in the office of the undersigned within fourteen (14) days from the date of furnishing of acceptable Performance Security pursuant to Sub-Clause IB.30.

Please acknowledge receipt and confirm your acceptance of this Letter of Acceptance being sent in duplicate, by affixing your signature and stamp at the space provided below, and return one copy thereof as soon as possible but not later than three (3) days from the date of issuance of this Letter of Acceptance.

Kind Regards,

For and on behalf of
Central Power Generation Company Limited (CPGCL)

(.....)

LOA-2

Received and Accepted:

For and on behalf of

M/s

(the Contractor)

Signature: _____

Name: _____

Designation: _____

Stamp: _____

Date: _____

CA-1

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the “Agreement”) made on the _____ day of _____ (month) 2025____ between, _____ (hereinafter called the “Employer”) of the one part and _____ (hereinafter called the “Contractor”) of the other part.

WHEREAS the Employer is desirous that certain Assets, viz., *[insert Lot No. and details]* _____ should be disposed of by the Contractor and has accepted a Bid by the Contractor for the Disposal of such Assets.

NOW this Agreement witnessed as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents, in the order of priority, after incorporating addenda, if any, except those parts relating to Instructions to Bidders shall be deemed to form and be read and construed as part of this Agreement:
 - a) This Contract Agreement;
 - b) The Letter of Acceptance;
 - c) The Particular Conditions;
 - d) The General Conditions;
 - e) The Letters of Bid (Letter of Technical Bid & Letter of Price Bid);
 - f) Employer’s Requirements;
 - g) The Completed Schedules to Bid including Price Schedule;
 - h) The JV Agreement (if the Contractor is a JV); and
 - i) [Employer to insert any other documents forming part of the Contract].

The addenda/corrigenda, if any, (excluding part relating to Instructions to Bidders along with Bidding Data) shall be deemed to have been incorporated at the appropriate places in the “Documents forming the Contract”.

3. The Contractor hereby covenants to pay the Employer, in consideration of the Disposal of Assets as per provisions of the Contract, the Contract Price or such other sumas may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. In consideration of the payments to be made by the Contractor to the Employer as hereinabove mentioned, the Employer hereby covenants with the Contractor to hand over the Assets for Disposal in conformity with the provisions of the Contract.

CA-2

IN WITNESS WHEREOF the Parties hereto have caused this Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of Contactor

Signature of Employer

(Seal)

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness

Witness

(Name, Title and Address)

(Name, Title and Address)

CONDITIONS OF CONTRACT

Part-I

GENERAL CONDITIONS OF CONTRACT

Part-I: General Conditions of Contract

Table of Clauses

1. Definitions
2. Precedence of Documents in Interpretation
3. Governing Language
4. Applicable Law
5. Standards
6. Notices
7. Assets for Disposal
8. Assets Location
9. Country of Destination
10. Restrictions on End-users and Exports
11. Packing
12. Insurance
13. Warranty
14. Schedule of Requirements and Transfer of Assets
15. Transfer of Intellectual Property Rights
16. Performance Guarantee
17. Incidental Services and Costs
18. Contract Price
19. Taxes and Duties, etc.
20. Payments and Schedule of Payments
21. Variation in the Assets for Disposal
22. Contract Amendment
23. Assignment
24. Subcontracts
25. Delays in Contractor's Performance

26. Liquidated Damages
27. Transfer Deed
28. Termination of Contract
29. Use of Contract Documents and Information; Inspection and Audit by the Employer
30. Force Majeure
31. Resolution of Disputes
32. Security of the Contractor's Personnel
33. Compliance with Laws
34. Completion Certificate
35. Appointment of Assistants/Firm
36. Festivals and Religious Customs
37. Funeral Arrangements

Part-I

General Conditions of Contract

Clause Title	Clause No.	Description of Clause
1. Definitions	1.1	<p>In this contract, the following terms shall be interpreted as indicated below:</p> <ul style="list-style-type: none"> a. “Assets” mean the Assets to be disposed of as stated in the Employer’s Requirements. b. “Bidder” means any person or persons, company, corporation, firm or joint venture submitting a Bid. c. “Contract” means these Conditions (Parts I and II), the Employer’s Requirements, the Price Schedule, Schedules to Bid, the Letters of Bid, the Letter of Acceptance, the Contract Agreement and such further documents as may be expressly incorporated in the Letter of Acceptance or Contract Agreement. d. “Contract Price” means the sum stated in the Letter of Acceptance as payable to the Employer by the Contractor for the Disposal of Assets in accordance with the provisions of the Contract. e. “Contractor” means the person whose Bid has been accepted by the Employer and the legal successors in title to such person, but not (except with the consent of the Employer) any assignee of such person. f. “Commencement Date” means the date for commencement under the respective Lot for Disposal of Assets which shall be the date of issue of the Employer’s Order to Commence which shall be issued within seven (7) days after the following conditions have been fulfilled by both Parties: <ul style="list-style-type: none"> i. This Contract Agreement has been duly executed for and on behalf of the Employer and the Contractor. ii. The Contractor has submitted to the Employer the Performance Security acceptable to the Employer. iii. The Employer has received the 100% payment of the Contract Price from the Contractor of the respective Lot.

		<p>g. “Days” means a calendar day.</p> <p>h. “Disposal” means the divestiture of the Public Asset and other rights of the Employer by its sale and transfer of title.</p> <p>i. “Employer” means the person named as such in Part II of these Conditions and the legal successors in title to such person, but not (except with the consent of the Contractor) any assignee of such person, as specified in the PCC.</p> <p>j. “Employer’s Country” is the country named as such in the PCC.</p> <p>k. “In writing” means communicated in written form and delivered against receipt.</p> <p>l. “Letter of Acceptance (LOA)” means a letter issued by the Employer to the Successful Bidder, whereby it is conveyed that the bid submitted by the Successful Bidder has been accepted.</p> <p>m. “Project” refers to the particular project, as specified in the PCC.</p> <p>n. “Project Site” means the place or places, where the Project is located, as specified in the PCC.</p> <p>o. “Reserve Price” means the minimum acceptable price of the Assets for Disposal determined by the Employer, in a prescribed manner.</p> <p>p. “Singular words” also refer to plural words of the kind and vice versa, except where the context requires otherwise.</p> <p>q. “Transfer of Assets” means changing the ownership or other rights in an asset from the Employer to the Contractor.</p>
	1.2	Words importing persons or parties shall include firms and corporations and any organization having legal capacity.
2. Precedence of Documents in Interpretation	2.1	The several documents forming the Contract are to be taken as mutually explanatory of one another, but in case of ambiguities or discrepancies the same shall be explained and adjusted by the Employer who shall thereupon issue to the Contractor instructions thereon and in such event, unless otherwise provided in the Contract, the priority of the documents forming the Contract shall be as follows:

		<p>a) This Contract Agreement;</p> <p>b) The Letter of Acceptance;</p> <p>c) The Particular Conditions;</p> <p>d) The General Conditions;</p> <p>e) The Letters of Bid (Letter of Technical Bid & Letter of Price Bid);</p> <p>f) Employer's Requirements;</p> <p>g) The completed Schedules to Bid including Price Schedule;</p> <p>h) The JV Agreement (if the Contractor is a JV); and</p> <p>i) Any other documents forming part of the Contract other documents forming part of the Contract.</p> <p>The addenda/corrigenda, if any, (excluding part relating to Instructions to Bidders along with Bidding Data) shall be deemed to have been incorporated at the appropriate places in the "Documents forming the Contract".</p>
3. Governing Language	3.1	The Contract shall be written in the language specified in the PCC. All correspondence and other documents about the Contract which are to be exchanged by the parties to the Contract shall be written in the same language. However, for the supporting technical documents and printed literature furnished in the bidding process in another language, provided the same are accompanied by an accurate translation of the relevant passages in the Governing Language, the translation shall govern.
4. Applicable Law	4.1	The Contract shall be governed and interpreted following the laws as specified in the PCC.
5. Standards	5.1	The Contractor shall ensure the application of such professional standards in all activities and operations undertaken under the Contract, as specified in the PCC. Such standards shall be the latest issued by the concerned national or international institutions.
	5.2	Without prejudice to the application of other standards, the Contractor shall ensure the application of all essential environmental and related sociocultural safeguards in all activities and operations undertaken under the Contract.
6. Notices	6.1	Any notice given by one party to the other according to the Contract shall be sent to the other party in writing by a registered post, or other digital means, followed by confirmation in writing on the address, as specified in the PCC.
7. Assets for Disposal	7.1	The Assets for disposal under the Contract will be as stated in the "Employer's Requirements".
8. Assets Location	8.1	The Assets' location(s) shall be the place(s) where the Assets to be disposed of are located, as specified in the "Employer's Requirements".

9. Country of Destination	9.1	The Assets to be disposed of under the Contract shall not be exported, directly or indirectly, to any country or territory, which has no trade relations with or has been on the negative list for exports from Pakistan, or placed under international sanctions for trade, as specified in the PCC.
10. Restrictions on End-users and Exports	10.1	The Employer shall impose restrictions on end-users and exports of the items disposed of, as specified in the PCC. The Successful Bidder shall have the capability to implement the restrictions in accordance with the affidavit furnished by the Contractor to this effect.
11. Packing	11.1	The Contractor shall be responsible for and shall comply with packing requirements for the assets for disposal, as specified in the PCC.
	11.2	The Contractor shall be responsible for and shall comply with labeling, marking, and documentation requirements, within and outside the packing for the assets for disposal, as specified in the PCC.
12. Insurance	12.1	The Contractor shall be responsible for the insurance requirements specified in the PCC. Failure to comply with this condition shall be sufficient grounds for termination of the Contract, with forfeiture of the Performance Security.
13. Warranty	13.1	The Assets disposed of shall be handed over to the Contractor on “as is where is” basis, and free from any warranty whatsoever.
14. Schedule of Requirements and Transfer of Assets	14.1	The Schedule of Requirements for the transfer and disposal of Assets under the Contract is specified in the “Employer’s Requirements”. The Contractor shall have full responsibility for and shall bear all risk and cost associated with, the transfer and disposal of assets, including collection, dismantling, conversion, removal, loading, and transportation or any other step or actions needed.
	14.2	The Contractor shall take over and remove the Assets as per schedule after the requisite payment for the Assets have been received by the Employer.
	14.3	The Contractor shall contact the designated person of the Employer to arrange for taking over and removal of the Assets as per the schedule, as specified in the PCC.
	14.4	The Contractor shall sign and deliver a handing/taking over note of the Assets, at the time of transfer of the assets.
	14.5	The Employer shall hand over the documents to the Contractor about the assets disposed of, as specified in the Employer’s Requirements.
15. Transfer of Intellectual Property Rights	15.1	The intellectual property rights (designs, schemes, specifications, schematics, software, data, patents, trademarks, copyrights, trade secrets, knowhow etc.) associated with the Assets for disposal shall not be part of the Assets disposed of and transferred to the Contractor.
16. Performance Security	16.1	The Contractor shall furnish to the Employer a Performance Security, denominated in the currency of the Contract or any freely convertible currency, in the amount and on the Form, and within the time from the date of issue of the Letter of Acceptance, as specified in the PCC.

	16.2	The proceeds of the Performance Guarantee shall be payable to the Employer as compensation for any loss resulting from the Contractor's failure to complete its obligations under the Contract.
	16.3	The Performance Guarantee will be discharged by the Employer and returned to the Contractor not later than thirty (30) days following the date of completion of the Contractor's performance obligations under the Contract as confirmed by issuance of the Completion Certificate.
17. Incidental Services and Costs	17.1	<p>The Contractor shall be required to provide any or all of the following incidental services, on its risk and cost, as specified in the PCC:</p> <ul style="list-style-type: none"> a. performance or supervision of on-site activities at assets location and associated operations; b. furnishing of tools and equipment required for on-site activities at Assets Location and associated operations; c. provision and training of the staff and workforce needed for on-site activities at the Assets' Location and associated operations; and d. any other incidental item, depending on the nature of assets and mode of disposal.
18. Contract Price	18.1	The Contract Price for the performance under the Contract shall not vary from the Contract Price mentioned in the Letter of Acceptance, subject to the addition of delay damages or fines imposed, following other provisions of the Contract, and permissible adjustments, as specified in the PCC.
19. Taxes and Duties etc.	19.1	The total Bid price quoted in the Price Schedule shall be exclusive of all costs of Contractor's plant, labour, supervision, execution, insurance, profit, together with all general risks, liabilities and obligations set out or implied in the Contract which shall be borne by the Bidder. Moreover, the total Bid Price quoted in the Price Schedule for each Lot shall be exclusive of any incidental charges, duties, all taxes including income tax and sales tax, cesses, commissions, fees and other levies, etc., which shall be paid/borne by and/or the liability of the Bidder as per the Applicable Law in relation to the Disposal of Assets.
20. Payments and Schedule of Payments	20.1	The Contractor shall pay to the Employer the Contract Price in lump-sum, or installments by the scheduled dates and in the specified manner, as per the Schedule of Payments specified in the PCC.
	20.2	In case of delay in the payment(s) by the Contractor to the Employer, under the Contract or any part thereof, within the agreed period specified in the Contract, the Employer will impose an interest on the Contractor for the period of the delay at a rate, as specified in the PCC.
	20.3	The currency of payment will be the same in which the Contract Price has been agreed.

21. Variation in the Assets for Disposal	21.1	The Employer shall not make any changes in the number and quantity of the Assets for disposal from that specified in the “Employer’s Requirements” subject to GCC 22.1.
22. Contract Amendment	22.1	Any variation in or modification of the terms of the Contract shall only be made upon a written amendment signed by the parties to the Contract.
23. Assignment	23.1	The Contractor shall not assign, in whole or in part, its obligations to perform under the Contract, unless such assignment is permitted in the PCC. The assignment shall be subject to the prior written consent of the Employer.
24. Subcontracts	24.1	The Contractor shall not subcontract any part of its obligations to perform under the Contract to a subcontractor unless such subcontracting is permitted in the PCC. The subcontracting shall be subject to the prior written approval of the Employer, and shall not relieve the Contractor from any liability or obligation under the Contract.
	24.2	The subcontractor shall be bound, <i>mutatis mutandis</i> , by the terms and conditions of the Contract, to the extent of the scope of the sub-contract.
25. Delays in Contractor’s Performance	25.1	The Contractor shall be bound to perform all obligations under the Contract, including the disposal activities and payment(s) to the Employer, in the stipulated time or schedule specified in the Contract.
	25.2	If at any time during the performance of the Contract, the Contractor or its subcontractor, if allowed, should encounter conditions impeding timely performance under the Contract, the Contractor shall promptly notify the Employer in writing of the fact of the delay, its likely duration and its causes. As soon as practicable after receipt of the Contractor’s notice, the Employer shall evaluate the situation and may at its discretion extend the Contractor’s time for performance, without the imposition of delay damages.
	25.3	Any delay by the Contractor in the performance of its obligations from the stipulated time or schedule described in the Contract shall render the Contractor liable to imposition of delay damages according to GCC Clause 26.1 unless an extension of time is agreed upon according to GCC Clause 25.2.
26. Delay Damages	26.1	If the Contractor fails to perform its obligation under the Contract or any part thereof within the period specified in the Contract, the Employer shall, without prejudice to its other remedies under the Contract, impose on the Contractor, as delay damages, a sum equivalent to the percentage of the Contract Price or unperformed portion of the Contract if practicable so, per day or week or month of delay as deemed appropriate, subject to a certain maximum limit, until the performance is fully restored, as specified in the PCC. Once the maximum limit is reached, the Employer will be entitled to proceed with the termination of the Contract according to GCC Clause 28.

27. Transfer Deed in shape of Sale Certificate	27.1	<p>The transfer deed for the Assets disposed of, if any, will be executed on full payment of the Contract Price and other dues and subject to fulfillment of any other conditions required to be fulfilled before such transfer as specified in the PCC.</p> <p>The Transfer Deed shall be in a format that is acceptable to the Employer and in case of any conflict between the terms of the Transfer Deed and this Contract, the terms of this Contract shall prevail.</p>
	27.2	<p>Consequent upon payment of the full Contract Price and signing of the Transfer Deed, the title to and possession of the Assets shall transfer to the Contractor. After the transfer of the Assets, the Contractor will have no recourse to the Employer or any other person involved in the disposal of the assets. The Contractor shall upon acquisition of the Assets, abide by all applicable bylaws, rules, and regulations about the dismantling, handling, removal, storage and disposal of the Assets, as may be amended from time to time, and while pursuing any development options, seek formal approval of the concerned development/regulatory authority.</p>
28. Termination of Contract	28.1	<p>The Employer, without prejudice to any other remedy for breach of the Contract, by written notice of default sent to the Contractor, may terminate the Contract in whole or in part, if the Contractor:</p> <ul style="list-style-type: none"> a) fails to perform its obligations within the period specified in the Contract, or within any extension thereof granted by the Employer according to GCC Clause 25.2; or b) fails to perform any other obligation under the Contract, including under GCC Clauses 12.1 and 26.1; or c) engages in corrupt or fraudulent practices in competing for or in executing the Contract, in the judgment of the Employer.
	28.2	<p>The Employer may at any time terminate the Contract by giving written notice to the Contractor if the Contractor becomes bankrupt or otherwise insolvent. In this event, the termination will be without any compensation to the Contractor, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Employer.</p>
	28.3	<p>The Employer, by a written notice sent to the Contractor, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that the termination is for the Employer's convenience, the extent to which the performance of the Contractor under the Contract is terminated, and the date upon which such termination becomes effective.</p>
	28.4	<p>In the event the Employer terminates the Contract in whole or in part, according to GCC Clauses 28.1, 28.2, or 28.3, the Employer shall take over the assets disposed of under the Contract present at the location of the assets and may dispose it of, upon such terms and in such manner as it deems appropriate.</p>

		In the case of termination under Clauses 28.1 and 28.2, the Contractor shall be liable to the Employer for any loss incurred in this process, besides other penalties and blacklisting. The losses in such cases shall be recoverable from the Performance Security as well as through other legal means. In the case of termination under Clause 28.3, the Performance Security shall be returned to the Contractor, subject to outstanding adjustments, if any.
	28.5	In case the Contract is partly terminated, the Contractor shall continue the performance of the Contract to the extent not terminated.
29. Use of Contract Documents and Information; Inspection and Audit by the Employer	29.1	The Contractor shall not, without the Employer's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Employer in connection therewith, to any person other than a person employed by the Contractor in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for such performance.
	29.2	The Contractor shall not, without the Employer's prior written consent, make use of any document or information referred to in the GCC Clause 2.1, except to perform the Contract.
	29.3	Any document, other than the Contract itself, referred to in the GCC Clause 2.1 shall remain the property of the Employer, and the documents and all copies thereof shall be returned to the Employer on completion of the Contractor's performance under the Contract.
	29.4	The Contractor shall permit the Employer to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors appointed by the Employer if so required.
30. Force Majeure	30.1	Notwithstanding the provisions of GCC Clauses 25, 26 and 28, the Contractor shall not be liable for forfeiture of its Performance Security, delay damages, or termination for default if and to the extent that its delay in performance or other failures to perform its obligations under the Contract is the result of an event of Force Majeure.
	30.2	For this Clause, "Force Majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and is not foreseeable. Such events may include but are not restricted to, acts of government in its sovereign capacity, wars or revolutions, fires, earthquakes, hurricanes, floods, epidemics, pandemics, quarantine restrictions, terrorism, explosions, strikes, and freight embargoes.
	30.3	If a Force Majeure situation arises, the Contractor shall promptly notify the Employer in writing of such condition and the causes thereof. Unless otherwise directed by the Employer in writing, the Contractor shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

31. Resolution of Disputes	31.1	In case any dispute or difference of any kind whatsoever arises between the Employer and the Contractor in connection with or arising out of the Contract, the parties will make every effort to resolve amicably such dispute or difference by mutual consultation.
	31.2	<p>Any dispute between the Employer and the Contractor as to matters arising pursuant to this Contract which cannot be settled amicably within thirty (30) days after receipt by one party of the other party's request for such amicable settlement may be submitted by either party for settlement in accordance with the provisions of the Arbitration Act, 1940 (Act No. X of 1940) and Rules made thereunder and any statutory modifications thereto. The Venue for arbitration shall be Islamabad, Pakistan.</p> <p>The Contractor shall continue to perform its obligations under the Contract, if reasonably possible, during the arbitration proceedings.</p>
32. Security of the Contractor's Personnel	32.1	The Contractor shall be responsible for the safety and security of their personnel at all times during the period of the Contract. The Contractor shall follow all advice(s) and standard operating procedures issued, from time to time, by the Government of Pakistan, provincial and local government(s), and relevant law enforcement agencies and authorities related to the safety and security of personnel in general, and foreigners in particular. All costs incurred under this provision shall be deemed included in the Contract Price.
33. Compliance with Laws	33.1	The Contractor shall comply with all applicable laws in force in the Employer's Country. The laws will include all national, provincial, municipal, or other laws and are binding upon the Contractor. The Contractor shall indemnify and hold harmless the Employer from and against any and all liabilities, damages, claims, fines, penalties, and expenses of whatever nature arising or resulting from the violation of such laws by the Contractor or its personnel, including the Subcontractors and their personnel.
34. Completion Certificate	34.1	<p>The Contractor shall notify the Employer (in writing) to issue the Completion Certificate after the Contractor has satisfactorily performed all his obligations under the Contract including the following:</p> <ul style="list-style-type: none"> a) Dismantling of all Assets. b) Removal of all Assets outside the premises of Plant. c) Removal of Contractor's equipment, temporary facilities, and manpower from the premises of Plant. d) Clearance of site from any hazardous waste, materials etc. <p>Within 30 calendar days after the delivery of such notice, the Employer shall verify the completion of the disposal works and either issue to the Contractor the Completion Certificate indicating the date on which the disposal works were completed, or specify the damages (if any) and/or outstanding</p>

		<p>works, which are required to be completed by the Contractor. Upon completion of specified damages (if any) and/or outstanding works, the Contractor shall again notify the Employer in writing for issuance of Completion Certificate.</p> <p>The Completion Certificate shall be deemed to constitute completion of the Disposal of Assets.</p>
35. Appointment of Assistants/Firm	35.1	The Employer may appoint any person(s)/firm to assist the Employer in the carrying out of his duties under the Contract. The Employer shall notify to the Contractor the names, duties and scope of authority of such person(s)/firm.
36. Festivals and Religious Customs	36.1	The Contractor shall respect the Employer's Country's recognized festivals, days of rest and religious or other customs.
37. Funeral Arrangements	37.1	The Contractor shall be responsible, to the extent required by local regulations, for making any funeral arrangements for any of its local employees who may die while engaged upon the works.
38. Confidentiality	38.1	<p>The Parties shall treat as confidential all information received or obtained as a result of or in connection with entering into or performing this Contract:</p> <p>Any information to be disclosed in terms of this Contract to any third party shall only be disclosed after consultation between and with the mutual consent of the Parties in writing by both the Parties. The restriction in this clause shall not apply in respect of the information in question that:</p> <ul style="list-style-type: none"> a) Has been lawfully been obtained, free of any duty of any confidentiality; b) Is already in the public domain, other than a breach of this Clause; c) Is necessarily disclosed because of a statutory obligation or upon order of the competent court of jurisdiction or before any competent body having authority to have disclosure.
39. Labor Laws	39.1	<p>The Contractor shall comply with all the relevant labor laws applicable to the Contractor's Personnel, including laws relating to their employment, health, safety, welfare, immigration and emigration, and shall allow them all their legal rights.</p> <p>The Contractor shall at all times during the progress of the Contract use its best endeavors to prevent any unlawful, riotous or disorderly conduct or behavior by or amongst its employees and the labor of its Subcontractors.</p>
40. Child Labor	40.1	The Contractor, including its Subcontractors, shall not employ or engage child labour in accordance with relevant law(s) in force in the Employer's Country.

41. Minimum Wages	41.1	The Contractor shall pay minimum wages set by the government in accordance with relevant law(s) in force in the Employer's Country.
--------------------------	------	---

Part-II

Particular Conditions of Contract

Part-II

Particular Conditions of Contract

Table of Clauses

1. Definitions (GCC Clause 1)
2. Governing Language (GCC Clause 3.1)
3. Applicable Law (GCC Clause 4.1)
4. Standards (GCC Clause 7.1)
5. Notices (GCC Clause 6.1)
6. Assets Location (GCC Clause 8.1)
7. Country of destination (GCC Clause 9.1)
8. Restrictions on end-users and exports (GCC Clause 10.1)
9. Packing (GCC Clause 11)
10. Insurance (GCC Clause 12.1)
11. Schedule of Requirements and Transfer of Assets (GCC Clause 14)
12. Transfer of Intellectual Property Rights (GCC Clause 15.1)
13. Performance Guarantee (GCC Clause 16)
14. Incidental Services and Costs (GCC Clause 17.1)
15. Contract Price (GCC Clause 18.1)
16. Payments and Schedule of Payments (GCC Clause 20)
17. Assignment (GCC Clause 23.1)
18. Subcontracts (GCC Clause 24.1)
19. Delay Damages (GCC Clause 26.1)

Part-II

Particular Conditions of Contract

1. Definitions (GCC Clause 1)

GCC 1.1 (i): The Employer is Central Power Generation Company Limited (CPGCL) represented by Chief Executive Officer.

GCC 1.1 (j): The Employer's country is Islamic Republic of Pakistan.

GCC 1.1 (m): The Assets of CPGCL comprise of the following Lots:

- Lot-1 TPS Sukkur (50MW)
- Lot-2 TPS Quetta (57.1MW)

GCC 1.1 (n): The Project Site is located at the places as described in the Employer's Requirements.

2. Governing Language (GCC Clause 3.1)

The name of the Governing Language: English

3. Applicable Law (GCC Clause 4.1)

The Applicable Law shall be the laws of Islamic Republic of Pakistan.

4. Standards (GCC Clause 5.1)

- ISO 9001: Quality Management Systems
- ISO 14001: Environmental Management Systems
- ISO 45001: Occupational Health and Safety Management Systems
- ISO 22320: Emergency Management — Incident Response
- OSHA Standards: Occupational Safety and Health Administration Guidelines
- NFPA Standards: National Fire Protection Association Guidelines

OR

Equivalent Standards

- Local Environmental Laws and Regulations

5. Notices (GCC Clause 6.1)

Addresses of the parties to the Contract for issuing notices and correspondence shall be:

a) The Employer:

_____ *(to be filled in by the Employer as appropriate)*

b) The Contractor:

(to be filled in time of signing of the Contract)

6. Country of destination (GCC Clause 9.1)

The list of the countries, which shall not be the destination for export of the assets to be disposed of under this Contract is: Other than 'Pakistan and Eligible Countries'. Eligible countries are those which have been notified by Ministry of Interior, Government of Pakistan as Business Friendly Countries (BVL); information can be accessed through following link:

<https://visa.nadra.gov.pk/business-visa-list-bvl/>

7. Restrictions on end-users and exports (GCC Clause 10.1)

The assets for disposal under this Contract shall be subject to the following restrictions:

On end-users: The Assets disposed of or any part thereof shall not be used in the production of food items for human consumption.

On exports: The Assets disposed of or any part thereof shall not be exported to other countries mention in PCC 6. The Contractor shall ensure that the obligations in PCC 6 and 7 are also contained in any agreement in respect of the Assets that in enters into with any end-user or third-party.

8. Packing (GCC Clauses 11)

GCC 11.1: The assets for disposal shall be removed from Assets' Locations in appropriate and safe containers/transport vehicles.

9. Insurance (GCC Clause 12.1)

In accordance with the provisions of GCC Sub-Clause 12.1, the Contractor shall at its own expense take out and maintain in effect, during the performance of the Contract, the insurances set forth below. The identity of the insurers and the form of the policies shall be subject to the approval of the Employer. For the deductibles, if any, the Contractor shall indemnify and keep indemnified the Employer for the amount of deductibles provided in the insurance policy.

Third Party Liability Insurance

The Contractor shall obtain third party liability insurance covering bodily injury or death suffered by third parties (including the Employer's personnel) and loss of or damage to property (including the Employer's property/ the existing plant/equipment/structures other than the Assets to be disposed of under the Contract) occurring in connection with the Contractor's operations regarding disposal of Assets.

Workers' Compensation Insurance

The Contractor shall also obtain workers' compensation insurance in accordance with the statutory requirements applicable in the Employer's Country.

Insurance of Assets

The Contractor may, before commencing the disposal work, obtain insurance on an 'All-Risks' basis, covering the full replacement cost of the Assets to be disposed of, but this is not obligatory.

The Contractor shall ensure that, where applicable, its Subcontractor(s) shall take out and maintain in effect adequate insurance policies as stated above.

10. Schedule of Requirements and Transfer of Assets (GCC Clause 14)

GCC Clause 14.3: Time for Completion of taking over and removal of the Assets under each Lot shall be as under reckoned from the Commencement Date.

Lot-1: 10 Months

Lot-2: 10 Months

11. Performance Security (GCC Clause 16)

GCC Clause 16.1—The amount of Performance Guarantee shall be ten percent (10%) of the Contract Price, in the form of an unconditional and irrevocable Bank Guarantee issued by a Scheduled Bank in Pakistan or from a foreign bank duly counter guaranteed by a Scheduled Bank in Pakistan, to be furnished within a period of 14 days after the receipt of Letter of Acceptance.

In case of Joint Venture, the Performance Security shall be in the name of the Joint Venture or in the name of Lead Firm.

12. Incidental Services and Costs (GCC Clause 17.1)

The Contractor shall be required to provide all of the incidental services, on its risk and cost as mentioned in GCC 17.1.

13. Contract Price (GCC Clause 18.1)

Permissible adjustments in the Contract Price: None

14. Payments and Schedule of Payments (GCC Clause 20)

GCC Clause 20.1 The Contract Price to be paid by the Contractor to the Employer shall be lumpsum amount and shall be paid by the Contractor upfront within seven days after the signing of the Contract Agreement.

GCC Clause 20.2 Rate of interest shall be KIBOR+3% per annum for Pakistani Rupee and SOFR+3% per annum for foreign currency on the delayed amount.

15. Assignment (GCC Clause 23.1)

An assignment of the Contract in whole or in part is not permitted.

16. Subcontract (GCC Clause 24.1)

Subcontracting of the works to be performed under the Contract is permitted.

17. Delay Damages (GCC Clause 26.1)

The rate of the Delay Damages shall be 0.05% of the Contract Price per day of delay subject to a maximum of 10% of the Contract Price.

18. Transfer Deed (GCC Clause 27.1)

The Transfer Deed shall be executed in a form acceptable to the Employer after the fulfillment of the following conditions:

- (i) Acceptance of the Bid;

- (ii) Furnishing of the Performance Security by the Contractor;
- (iii) Execution of the Contract;
- (iv) Payment of the Full Contract Price by the Contractor to the Employer;
- (v) Payment of all taxes, duties, cesses, commissions, fees, etc. required to be paid prior to the transfer of the Assets from the Employer to the Contractor;
- (vi) NOC from any government/regulatory body or authority, if applicable.

EMPLOYER'S REQUIREMENTS

Volume-II

Employer's Requirements

Table of Contents

Abbreviation & Definition	5
1. INTRODUCTION	6
2. PROJECT SCOPE	7
2.1 General Scope of Work	7
2.1.1 Pre-Dismantling Phase	10
2.1.1.1 Site Survey and Documentation	10
2.1.1.2 Permitting and Compliance	10
2.1.1.3 Utilities Isolation and Deactivation	10
2.1.2 Dismantling Phase	11
2.1.2.1 Equipment and Structure Dismantling	11
2.1.2.2 Safety & Security	11
2.1.2.3 Hazardous Material Handling	11
2.1.2.4 Waste Management and Disposal	11
2.1.2.5 Site Safety and Environmental Compliance	12
2.1.2.6 Documentation and Reporting	12
2.1.3 Post-Dismantling Phase	12
2.1.3.1 Site Clearance and Restoration	12
2.1.3.2 Final Documentation and Handover	12
2.2 Handing Over of Public Assets	12
3. DESCRIPTION OF LOTS	14
3.1 General	14
3.2 Project Completion Timelines	14
3.3 Lot 1: TPS SUKKUR Unit 1 to Unit 4 (50 MW)	15
3.3.1 Site Visuals	15
3.3.2 Major Equipment Installed	15
3.3.2.1 Steam Turbine Unit (ST)	15
3.3.2.2 Boiler and Auxiliaries	16
3.3.2.3 Condenser	16
3.3.2.4 Condensate and Feed Water System	17
3.3.2.5 Balance of Plant (BOP)	17
3.3.2.6 Electrical	18
3.3.2.6.1 Unit 1 to 4/Steam Turbine Generator-01 to 04 (12.5 MVA each):	18
3.3.2.6.2 Transformers	18
3.3.2.6.3 Central Control Room	18
3.3.3 Piping and Cabling	19
3.3.4 Store Stock, Spares, and Consumables Associated with Redundant, Old & Defunct Plant	19

3.3.5	Exclusions in Dismantling Scope.....	19
3.3.6	Battery Limits and SLDs	20
3.4	Lot 2: TPS QUETTA Unit-1 to Unit 3 & Unit 6 (57.1 MW)	21
3.4.1	Site Visuals.....	22
3.4.2	Major Equipment Installed.....	22
3.4.2.1	Steam Turbine Unit (ST 1)	22
3.4.2.2	Steam Turbine Unit (ST 2)	22
3.4.2.3	Gas Turbine Unit (GT 3)	22
3.4.2.4	Gas Turbine Unit (GT 6)	22
3.4.2.5	Condenser	22
3.4.2.6	Condensate and Feed Water System	23
3.4.2.7	Balance of Plant (BOP).....	23
3.4.2.8	Electrical	24
3.4.2.8.1	Unit-1 & 2/Steam Turbine Generators-01 & 02 (7.5 MW each)	24
3.4.2.8.2	Unit-3/Gas Turbine Generator-03 (7.1 MW).....	24
3.4.2.8.3	Unit-6/Gas Turbine Generator-06 (28 MW).....	24
3.4.2.8.4	Transformers	25
3.4.2.8.5	Central Control Room (ST).....	25
3.4.3	Store Stock, Spares, and Consumables Associated with Redundant, Old & Defunct Plant	25
3.4.4	Exclusions in Dismantling Scope.....	26
3.4.5	SLDs	26
4.	GENERAL PROJECT REQUIREMENTS	27
4.1	Compliance with Standards and Regulations.....	27
4.2	Language	27
4.3	Project Management and Organization	27
4.3.1	General Requirements:	27
4.3.2	Detailed Scope of Work:.....	27
4.3.3	Methodology and Procedures:.....	27
4.3.4	Resource Planning:	28
4.3.5	Waste Management Plan:	28
4.3.6	Health, Safety, and Environmental (HSE) Plan:	28
4.3.7	Interface Management:	29
4.3.8	Transport and Logistics Plan:.....	29
4.3.9	Demobilization Plan:	29
4.4	Permit to Work (PTW) Implementation	29
4.4.1	General Requirements	29
4.4.2	Permit Validity:	29
4.5	Health, Safety, and Environment (HSE) Requirements	30
4.5.1	Health and Safety	30
4.5.2	Environmental Protection	30

4.6	Technical Documentation and Reporting.....	30
4.7	Resource Management	31
4.8	Site Security and Access Control	31
4.9	Risk Management.....	31
4.10	Coordination and Communication	32
4.11	Closure and Handover Requirements	32
4.12	Project Scheduling.....	32
5.	Contractor's Personnel	35
6.	APPENDICES	36

List of Figures

Figure 1: TPS Sukkur.....	15
Figure 2: TPS Quetta	22

List of Tables

Table 1-1: Descriptions of Lots.....	6
Table 3-1: Overall Plant's Capacities & Location of CPGCL	14
Table 3-2: Project Completion Timelines for Lots under CPGCL.....	14
Table 3-3: TPS Sukkur Turbine Configuration	15
Table 3-4: TPS Sukkur ST Specifications	15
Table 3-5: TPS Sukkur Boiler Specifications	16
Table 3-6: TPS Sukkur ST Generator Specifications	18
Table 3-7: TPS Sukkur Transformer Specifications.....	18
Table 3-8: TPS Quetta Turbine Configuration	21
Table 3-9: TPS Quetta ST Generator Specifications	24
Table 3-10: TPS Quetta Unit 3 GT Generator Specifications.....	24
Table 3-11: TPS Quetta Unit 6 GT Generator Specifications.....	24
Table 3-12: TPS Quetta Transformer Specifications	25

Abbreviation & Definition

CPGCL	Central Power Generation Company Limited
Contractor	The contractor assigned for dismantling & disposal of respective Lot
Employer	Central Power Generation Company Limited (CPGCL)
GENCO-II	Generation Company-II (CPGCL)
TPS	Thermal Power Station
GT	Gas Turbine
ST	Steam Turbine
Units/Plants	Public Assets
OSHA	Occupational Health & Safety Administration
ISO	International Organization for Standardization
CC	Completion Certificate
NG	Natural Gas
HSD	High Speed Diesel
RFO	Residual Furnace Oil

1. INTRODUCTION

Central Power Generation Company Limited (CPGCL) hereinafter called the "Employer" intends award contract(s) to dismantle and dispose of its redundant, old and defunct power plants on '**AS IS WHERE IS BASIS**', located at different locations across Pakistan.

This document covers the scope and requirements for dismantling and disposal of complete power plant/Lot along with all primary and secondary, directly and indirectly associated equipment, structure (metallic/steel), piping, cabling, instrumentation, store stocks etc. along with associated transportation, loading/unloading of equipment, **except those mentioned under "Exclusions" of each Lot.**

The purpose of this document is to outline the scope of work, technical specifications, safety guidelines, environmental considerations, and other essential conditions for the dismantling and disposal of the following power plants of Central Power Generation Company Limited (CPGCL). The units / power stations are grouped into Lots as described hereunder:

Table 1-1: Descriptions of Lots

Lot No.	Description	Location	Installed Capacity (MW)
Lot 1	TPS Sukkur (50 MW)	Sukkur, Pakistan	50
Lot 2	TPS Quetta (57.1 MW)	Quetta, Pakistan	57.1

Each Lot is referred to as the "Assets". Project Site is referred to as respective Lot location.

2. PROJECT SCOPE

The Scope of Work for each Lot comprises, but shall not be limited to, the complete dismantling; disposal of plants/Lots including arrangement of equipment, machinery, tools, cranes, fuel oil, gas, electricity for safe dismantling and disposal; packing and marking; insurance; loading and unloading; storing, transport from plant to outside premises.

The Contractor shall cover all the works related to the dismantling and disposal of equipment along with all primary and secondary, directly and indirectly associated equipment, structure (metallic/steel), piping, cabling, instrumentation on **'AS IS WHERE IS BASIS'**.

Before preparing their Bids, the Bidders are advised to visit defunct Plants/Lots and have meetings with Employer to make them fully conversant with the assets, and the extent of works required dismantling/disposal scope and exclusions.

Contractor shall perform dismantling and disposal work in full coordination with Employer so as to avoid damaging any live cables, pipes and equipment. Further, all the excluded cables, pipes, equipment, structures etc. shall also be safeguarded against any damage.

2.1 General Scope of Work

This sub-section outlines the General Scope of Work for the dismantling and disposal of defunct thermal power plants. The scope ensures a safe, efficient, and environmentally compliant execution of dismantling and disposal activities while addressing the technical, environmental, health, and safety requirements.

The primary objectives of the project are:

- i. To ensure safe dismantling and disposal of equipment, structures, piping, cabling, and materials etc. from defunct power plants/Lots.
- ii. To maintain technical integrity of shared facilities and operational interfaces with adjacent infrastructure.
- iii. To guarantee environmental compliance and safe disposal of hazardous waste.
- iv. To restore the site to an agreed state post-dismantling.
- v. To execute the project in compliance with international best practices and local regulatory requirements.

This scope includes as minimum:

1) Dismantling of Various Equipment

- i. Dismantling of all equipment, interconnected piping and utility lines along with insulation and cladding etc. associated with all piping, platforms and walkways, etc.
- ii. Dismantling of all field instruments and their associated cabling up to the field junction boxes etc.

- iii. All process and utility (such as cooling water, fuel oil, gas, boiler feed water, LP steam, Main steam supply, service air, instrument air etc.) connections connected with rotating equipment and its auxiliaries shall be dismantled.
- iv. All switchgears, breakers for MV/LV and their respective cabinets.

2) Removal of Erected Piping (Above Ground)

- i. Removal of erected piping including valves etc at all elevations removal of insulation from insulated lines, removing supports, all fittings and flanges, instruments, etc.
- ii. All the instruments such as pressure gauges, temperature gauges, transmitters, on/off valves, control valves etc. with necessary connections, shall be dismantled.
- iii. The Contractor shall remove and safely dispose of all oil and Chemical from piping and equipment before start of dismantling activities in any area.

3) Dismantling of The Static Equipment

- i. Disconnecting all the piping connections and instrument, ladder and platforms to make the equipment free of all attachments. Holding the equipment with proper care before dismantling the equipment. Holding and Dismantling shall be done using appropriate cranes only. Contractor shall provide necessary scaffolding, all tools, slings and shackles, equipment, apparatus etc., and completing the work in all respect at all heights.
- ii. Dismantling of tanks for the storage of fuel oil, chemical, lube oil, hydraulic oil, water etc. along with all associated accessories are included in the scope of work.

4) Dismantling of Electrical and Instruments

- i. Pump Motors, compressor motors, electrical panels, Local Push Button Stations and associated power and control cabling system, cable trays, Lighting Poles, Lighting fittings on poles along with lighting accessories such as cables, junction boxes etc., earthing electrodes with earthing strips. Electrical cables connecting to the motors to be removed shall be dismantled.
- ii. Dismantling of all Instrument cable trays, cable tray supports, junction boxes, instrument stanchions, push buttons and air manifold stations shall be undertaken.

5) Hard Barricading

- i. The Contractor shall ensure safety of the working personnel within the work area by barricading the work area.

6) Cranes/Equipment/Tools

- i. The Contractor shall arrange all the necessary equipment, machinery, tools, cranes, trucks, trailers, containers, fuel oil, gas, electricity and all other related accessories for dismantling and disposal of plant/units/lots.

- ii. For the disposal of liquid consumables like oils, fuel and chemicals, the Contractor shall arrange oil/chemical containers, pumps and tankers etc. for safe temporary storing at sites and disposal from sites.

7) Method Statements

- i. The Contractor shall submit detailed method statements of dismantling of major equipment, before starting the specific job, with respect to sequence of activities, rigging plans, safety and emergency mitigation measures and submit to Employer for review. Any special safety requirements in case of emergency etc. shall be provided. The work is to be extensively planned to ensure the units/equipment could be safely dismantled without impeding on the adjacent plants and structures and without risk to personnel.
- ii. The Contractor shall submit method statements for dismantling of equipment alongwith associated piping and cabling and disposal of consumables, lubricants, fuels and chemicals safely from site premises.

8) Clean Conditions

- i. The Contractor shall maintain the dismantling area in a clean and tidy condition throughout the entire working period. Accumulated debris and waste materials shall be hauled/removed from the site and disposed of at an approved/designated location on daily basis to maintain clean conditions.
- ii. Water sprinkling shall be done for dust suppression in the dismantling area.

9) Safety Precautions

- i. Contractor shall obtain necessary work permits/approvals before starting dismantling work. The request for work permit shall not be unreasonably withheld.
- ii. Contractor shall follow all safety guidelines conveyed by Employer.
- iii. The Contractor shall adhere to safe demolishing/dismantling practices at all stages of work to guard against accidents, hazardous and unsafe working procedures.
- iv. Temporary enclosures/fencing, warning lights, warning signs etc. as per safety requirements shall be provided by Contractor to prevent accidents.
- v. All equipment, pipes, fixtures etc. located in the vicinity shall be protected by suitable means, as decided by Employer, during demolishing and dismantling operation.
- vi. Contractor shall deploy a dedicated safety engineer during the execution of dismantling and disposal work.
- vii. Good housekeeping shall be maintained by the Contractor during the entire job.
- viii. Adequate firefighting and safety equipment in according to the requirement shall be arranged by the Contractor at site including fire hoses, fire extinguishers, safety belt, lifelines, hard helmets, safety shoes, hand gloves, all PPEs, gas detectors, oxygen meter, etc.

- ix. Fireproof cloth wherever required to restrict the flying sparks due to cutting, welding, grinding etc. will be required to be provided by the Contractor.
- x. All workmen should wear safety belts / lifeline wherever they work above 2 m elevation without permanent support /platform. Workmen shall always wear helmet & safety shoes while on the site / work area.
- xi. Scaffolding for working at elevations along with suitable safety harness for personnel shall be used.
- xii. Maximum two shifts (Morning and evening) each of eight hours will be allowed, however dismantling work after 10:00pm will not be allowed. Contractor will be allowed to work on Sundays and holidays with prior approval of Employer.
- xiii. Removal of dismantled material from the Plant premises is not allowed after Sunset.

10) Accommodation & Facilities

- i. Contractor shall arrange temporary accommodation for its employees outside the plant's premises.
- ii. Contractor shall also arrange all necessary utilities for their staff at project site.

2.1.1 Pre-Dismantling Phase

2.1.1.1 Site Survey and Documentation

- i. Identify shared facilities and interfaces with operational plants, if applicable.
- ii. Prepare a site-specific dismantling and disposal plan for each plant.
- iii. Submit site specific method statements for dismantling and disposal work.
- iv. Identify any hazardous materials (e.g., chemical residues, transformer oils, fuel oil etc.).
- v. Conduct risk assessments for structural integrity, fire hazards, and environmental risks.
- vi. Develop interface isolation plans for shared utilities and facilities.

2.1.1.2 Permitting and Compliance

- i. Obtain all regulatory approvals and permits for dismantling and disposal.
- ii. Comply with local and international environmental standards (e.g., OSHA, NFPA etc.).
- iii. Coordinate with relevant authorities for waste transportation and disposal permits.

2.1.1.3 Utilities Isolation and Deactivation

- i. Employer shall implement a Utility Isolation Plan covering:
 - o Electrical systems
 - o Water supply systems

- Drainage systems
 - Fuel and gas pipelines
 - Any other utilities, as applicable
- ii. Contractor shall verify complete deactivation and isolation before dismantling begins.
- iii. The Employer shall provide all information regarding isolations/interfaces.

2.1.2 Dismantling Phase

2.1.2.1 Equipment and Structure Dismantling

- i. Prepare method statements and rigging plans for dismantling heavy equipment, including turbines, generators, HV breakers, boilers, and transformers.
- ii. Safely dismantle all equipment / systems included in the scope.
- iii. Follow sequence-based dismantling methodologies to prevent damage to adjacent structures or equipment.
- iv. All lifting equipment, materials, tools, cranes, fixtures and any other shall be third part tested. The Contractor shall submit the certificate to the Employer.

2.1.2.2 Safety & Security

- i. The safety and security of all the equipment, parts and materials, etc. brought by the Contractor at site as well as dismantled equipment and parts shall be the responsibility of the Contractor.
- ii. The Employer shall provide a designated place, if available for the storage of dismantled parts for a specific period of time. If any location is not available, then the Contractor shall arrange its own place outside the premises of plant.

2.1.2.3 Hazardous Material Handling

- i. Safely identify, handle, and dispose of hazardous materials, including:
 - Chemicals and residues from dosing systems
 - Transformer oils
 - Fuel oil
 - Lube oil
- ii. Safely dispose of hazardous materials to appropriate places as designated by Employer, in compliance with local regulations.

2.1.2.4 Waste Management and Disposal

- i. Develop and implement a Waste Management Plan.

- ii. Transport waste materials, if any, to appropriate places as designated by Employer, in compliance with local regulations.

2.1.2.5 Site Safety and Environmental Compliance

- i. Implement Health, Safety, and Environment (HSE) Plans.
- ii. Implement emergency response plans for fire, spills, and structural failures.
- iii. Prevent airborne contaminants (e.g., dust, asbestos fibers) during dismantling.

2.1.2.6 Documentation and Reporting

- i. Maintain detailed records of dismantling activities.
- ii. Maintain a project schedule for each Lot. If one Contractor is managing different lots then separate schedule shall be maintained for each Lot.
- iii. Provide fortnightly progress and safety reports to the Employer.
- iv. Document any incidents or near misses with corrective measures within 24 hours.

2.1.3 Post-Dismantling Phase

2.1.3.1 Site Clearance and Restoration

- i. Remove all dismantled equipment, material, debris and temporary structures from the site.
- ii. Remove all the machinery, equipment, tools, and cranes etc. brought by Contractor for dismantling and disposal activities.
- iii. Restore the site to pre-agreed conditions.

2.1.3.2 Final Documentation and Handover

- i. Conduct a final joint inspection with the Employer. Contractor will remove all the deficiencies/ discrepancies as pointed out by Employer.
- ii. Prepare a Dismantling and Disposal Completion Report.

2.2 Handing Over of Public Assets

The process of handing over of Assets included in the respective Lots shall take place through a Transfer Deed to be executed between the Employer and the Contractor, after fulfilment of the conditions laid down in the Conditions of Contract.

After execution of the Transfer Deed and receipt of written confirmation by the Employer of the fulfilment of any outstanding requirements, the Contractor shall initiate the transfer of Ownership and/or title of the Assets included in the respective Lots.

The Contractor shall assume full responsibility for the transfer process and shall bear all associated risks and costs.

The transfer of Ownership and/or title must adhere to all applicable local legislation. The Employer shall provide facilitation to the Contractor in this process where necessary and applicable.

Concurrently, the Contractor shall begin the dismantling and disposal of the respective Lots as per the Project Schedule provided under this Contract.

3. DESCRIPTION OF LOTS

3.1 General

The following is the breakup of the units installed at each of the power plants/Lots under CPGCL which are being dismantled and disposed of:

Table 3-1: Overall Plant's Capacities & Location of CPGCL

LOT No.	Plant	Location	Unit No.	Type	Capacity (MW)	Make	Fuel	Commissioned (year)
Lot-1	TPS Sukkur (50 MW)	Sukkur, Pakistan (27°42'03.6" N 68°53'11.4" E)	1	Steam Turbine	12.5	C.G.E Canada	NG	1965
			2	Steam Turbine	12.5	C.G.E Canada	NG	1965
			3	Steam Turbine	12.5	C.G.E Canada	NG	1967
			4	Steam Turbine	12.5	C.G.E Canada	NG	1967
Lot-2	TPS Quetta (57.1 MW)	Quetta, Pakistan (30°15'45.5" N 66°57'44.6" E)	1	Steam Turbine	7.5	Alfa Laval, USA	Coal	1964
			2	Steam Turbine	7.5	Alfa Laval, USA	Coal	1972
			3	Gas Turbine	7.1	FIAT, Italy	HSD	1972
			4	Gas Turbine	35	Mitsubishi, Japan	HSD	1984

3.2 Project Completion Timelines

The Project completion timelines i.e., the dismantling and disposal of Public Assets from site for respective Lots are given below:

Table 3-2: Project Completion Timelines for Lots under CPGCL

Lot No.	Plant	Time of Completion from Commencement Date (Months)
Lot-1	TPS Sukkur (50 MW)	10
Lot-2	TPS Quetta (57.1 MW)	10

3.3 Lot 1: TPS SUKKUR Unit 1 to Unit 4 (50 MW)

The Sukkur Thermal Power Station Plant is situated on the Right Bank of the River Indus at the Eastern corner of the Sukkur City near Railway Bridge. Thermal Power Station Sukkur consists of four (4) 12500 KW turbo-generators arranged on the unit system. That is each turbo-generator, Steam generator & its auxiliary equipment is a separate unit & Steam from one steam generator cannot be used to run the other turbo-generator.

Table 3-3: TPS Sukkur Turbine Configuration

Plant	Location	Unit No.	Type	Capacity (MW)	Make	Fuel	Year of Commissioning	Defunct /Delicensed Date
TPS Sukkur (50MW)	Sukkur, Pakistan (27°42'03.6"N 68°53'11.4"E)	1	Steam Turbine	12.5	General Electric, Canada	NG	1965	2000
		2	Steam Turbine	12.5	General Electric, Canada	NG	1965	2000
		3	Steam Turbine	12.5	General Electric, Canada	NG	1967	2000
		4	Steam Turbine	12.5	General Electric, Canada	NG	1967	2000

3.3.1 Site Visuals

Some of the on-site visuals are as follows.



Figure 1: TPS Sukkur

3.3.2 Major Equipment Installed

The plant mainly consists of following facilities:

3.3.2.1 Steam Turbine Unit (ST)

Following are the specifications of the steam turbine units.

Table 3-4: TPS Sukkur ST Specifications

Sr. No.	DESCRIPTION	ST 1 to 4
1	Make	M/s C.G.E, Canada

2.	Model No.	EN . 100719
3.	Name Plate Ratings	12.5 MW- 14 Stages total
4.	Speed	3000 RPM
5.	Inlet Pressure and Temperature	450 PSG-750 °F
6.	Exhaust Pressure	21/2 HG AbS.
7.	Lub. Oil Grade in use	Gulf Crest – 44
8.	Average Overall Efficiency Percent	23%
9.	Gross Weight	NA

3.3.2.2 Boiler and Auxiliaries

Four (04) nos. of Boilers are installed for steam turbines with followings specification:

Table 3-5: TPS Sukkur Boiler Specifications

BOILER RATINGS		
Sr. No.	DESCRIPTION	RATINGS
1.	Make	Babcock-Wilcox Canada
2.	Type	Integrated furnace , pressure fired
3.	Max Capacity	142,000 Lbs / hours
4.	No. of Drums	02 Nos
5.	Drum Pressure	495 Psig
6.	Continuous	140,000 Lbs / Hour
7.	Super Heater Out let Pressure	450 Psig
8.	Super Heater Out let Temperature	750 °F
9.	Temperature Air and Air heater out let	500 °F
10.	Fuel	Sui Gas (Natural gas)
11.	Overall efficiency	83.5%
12.	Gross Weight	NA
BOILER STRUCTURE		
1.	Width	16.5'
2.	Length	23.75'
3.	Height	50'
4.	Heating surface area	14442 Sq .FT
5.	That of super heater	1250 Sq. Ft
6.	That of air heater	12560 Sq. Ft

3.3.2.3 Condenser

The condenser mainly consists of, but shall not be limited, to the following items:

- Condenser tubes made of brass
- Hotwell
- Water boxes with appropriate cathodic protection
- Expansion joints

- 100 % bypass operation of steam turbine
- All interconnecting pipes related to above mentioned systems
- All kind of valves

3.3.2.4 Condensate and Feed Water System

The feed water system consists of condensate pumps, feed water pumps, LP & HP heaters, associated piping, as well as all relevant auxiliaries.

3.3.2.5 Balance of Plant (BOP)

All other major balance of plant includes:

- Compressed Air System (Common for Unit 1,2,3 & 4)
- Open cooling water system (OCW)
- Floating Platform along-side the river (28.5 Ton)
- Cooling Water (CW) Pumps along with motors
- Travelling band screen system (TBS) at CW pump house
- Water treatment Plant (Common for Unit 1, 2, 3 & 4).
- All above ground interconnecting pipes related to above mentioned systems;
- All valves related to above mentioned systems and not mentioned specifically;
- All power and controls cables along with cable trays/ supporting structures related to above mentioned systems except exclusion.
- Overhead Crane (50 Ton) and CW overhead crane (7.5 Ton) for hoisting facilities
- Pipe racks
- Demi water & chemical storage tanks (Common for Unit 1, 2 & common for Unit 3, 4)
- Warehouse/ Stores (Common for Unit 1,2,3 & 4)
- HVAC system
- Scrap in yard (Common for Unit 1,2,3 & 4)
- Oil tank (500 gallons)

3.3.2.6 Electrical

3.3.2.6.1 Unit 1 to 4/Steam Turbine Generator-01 to 04 (12.5 MVA each):

In Machine Hall four (04) Main steam Turbine Generators are installed and following is the specification:

Table 3-6: TPS Sukkur ST Generator Specifications

Sr. No.	DESCRIPTION	UNIT NO. 1 to 4
1	Manufacturer	M/s C.G.E, Canada
2	Type	ATB
3	Rated Capacity	12.5 MVA
4	Active Power	12.5 MW
5	Rated Voltage	11Kv
6	Rated Current	820A
7	Power Factor	0.8
8	Medium of Cooling Stator	Air Cooled
9	Medium of Cooling	Air Cooled
10	Gross Weight each	NA

3.3.2.6.2 Transformers

Following is the list with specification of major transformers.

Table 3-7: TPS Sukkur Transformer Specifications

Sr. No.	Description	Rating		Qty.
		KV	Power	Nos
1	Power Transformer	11/66	10/13MVA	02
2	Power Transformer (Siemens)	11/66	10/13.3MVA	01
3	Unit Auxiliary Transformer	11/.45 KV	750 KVA	04
4	Station Transformer	11/.45 KV	1500 KVA	02
5	Potential Transformer (G-3)	11	500 KVA	01
6	Excitation Transformer (G-3)	11	500 KVA	01
7	Potential Transformer (G-4)	11	500 KVA	01
8	Excitation Transformer (G-4)	11	500 KVA	01
9	Transformer 11KV/266 V	11	60KVA	01
10	Current Transformer	12/.28	200 KVA	01
11	Current Transformer	12/.28	200 KVA	01
12	Current Transformer	12/.28	200 KVA	01
13	Current Transformer	12/.28	200 KVA	01

3.3.2.6.3 Central Control Room

Central Control Room (CCR)

Control and protection panels for: steam turbines, generators, transformers, etc.

11kV & 0.4kV Switchgear and Battery Room (Unit-1 to 4):

LVAC (415V), LVDC distribution panels, 11kV Switchgear Panels, battery banks chargers, Telecom and PABX Panels, all power and control cables related to above mentioned system.

Note: *All panels, electrical equipment, circuit breakers, electrical facilities, and any associated equipment not mentioned or listed above are considered to be included in the scope of work.*

3.3.3 Piping and Cabling

All piping (above ground) and cabling (above ground/under trenches and in cabling conduits) are included in the dismantling scope, except those as mentioned in the exclusions.

3.3.4 Store Stock, Spares, and Consumables Associated with Redundant, Old & Defunct Plant

All store stock, spares and consumables associated with defunct power plant, shall be included within the dismantling and disposal scope. Additionally, consumables such as chemicals, fuel oil, lubricating oils, and transformer oils, whether stored in tanks/warehouses or within equipment/piping/transformers, shall also be considered part of the scope. The contractor shall conduct his own survey.

Furthermore, fuel oil tanks contain a combination of dead stock and usable fuel. The responsibility for the disposal of this fuel shall rest with the Contractor.

The list of store stocks, spares and consumables are available in Appendix-03, 'Store Stocks, Spares and Consumables'.

3.3.5 Exclusions in Dismantling Scope

- i. 1 No. Main Power Transformer (11/66kV 10/13MVA) is energized by Sukkur Electric Supply Company (SEPCO) through 66kV transmission line and Main busbar (66kV) of the grid is live due to the energization of the same transformer, these will be excluded from scope. All the remaining 66kV Line bays, Generator bays and coupler bay are de-energized.
- ii. Mobile Crane (14.5 Ton) is to be excluded from the scope.
- iii. Underground Piping is excluded from the scope of work.
- iv. All kind of mobile equipment viz Mobile cranes, fork-lifters, Fire tenders are excluded from scope.
- v. Conventional outdoor/ external lights will be included however Boundary wall/ fence lighting will be excluded from scope.
- vi. Dismantling of buildings made of concrete & the civil structures supported by steel columns/beams are excluded from the scope of dismantling & disposal work.
- vii. All potable water, HVAC & sanitary waste water systems including piping and pumps supplying facilities to the colony, if available and/or plant buildings are to be kept in operation and shall be retained. **ANY PIPING INSIDE THE BATTERY LIMITS WHICH ARE TO BE RETAINED SHALL BE EXCLUDED FROM DISMANTLING AND DISPOSAL SCOPE.** The Contractor shall carry out its works without damaging said piping, cabling and any other equipment.

3.3.6 Battery Limits and SLDs

Marked up battery limits and single line diagram for respective lot has been attached as Appendix-01 and Appendix-02 respectively. Additionally, miscellaneous of respective lot is attached in Appendix-04.

3.4 Lot 2: TPS QUETTA Unit-1 to Unit 3 & Unit 6 (57.1 MW)

The Quetta Thermal Power Station Plant is situated in Quetta, Baluchistan province, Pakistan. Thermal Power Station Quetta consists of total of Four (4) units with a total capacity of 57.1 MW which are currently not operating. The power plant is based on coal, gas and fuel (RFO).

Unit No. 4 & 5 closed in May 2000 and shifted to TPS Panjgur under QESCO in 2001 & are excluded from the Dismantling and Disposal scope of work.

The Power plant has following configuration:

Table 3-8: TPS Quetta Turbine Configuration

Plant	Location	Unit No.	Type	Capacity (MW)	Make	Fuel	Year of Commissioning	Defunct /Deli-censed Date	Remarks
Quetta (57.1MW)	Quetta, Pakistan (30°15'45.5"N 66°57'44.6"E)	01	Steam Turbine	7.5	Alfa Laval-USA	Coal	1964	1998	
		02	Steam Turbine	7.5	Alfa Laval-USA	Coal	1972	1998	
		03	Gas Turbine	7.1	FIAT Italy	FO/NG	1972	2000	
		04	Gas Turbine	12.5	AEG Germany	FO/NG	1974	2000	Unit No. 4 & 5 closed in May 2000 and shifted to TPS Panjgur under QESCO in 2001.
		05	Gas Turbine	25	AEG Germany	FO/NG	1975	2000	
		06	Gas Turbine	35	Mitsubishi- Japan	FO/NG	1984	2020	

3.4.1 Site Visuals

Some of the on-site visuals are as follows.



Figure 2: TPS Quetta

3.4.2 Major Equipment Installed

The plant mainly consists of following facilities:

3.4.2.1 Steam Turbine Unit (ST 1)

The one (01) no. of steam turbine unit along with all auxiliaries. Following are the specifications of the turbine units.

- Steam turbine with a capacity of 7.5MW with all associated auxiliaries.

3.4.2.2 Steam Turbine Unit (ST 2)

The one (01) no of steam turbine unit along with all auxiliaries. Following are the specifications of the turbine units.

- Steam turbine with a capacity of 7.5 MW with all associated auxiliaries.

3.4.2.3 Gas Turbine Unit (GT 3)

The one (01) no. steam turbine unit, along with all its auxiliaries. Following are the specifications of the turbine units.

- Gas turbine with a capacity of 7.1 MW with all associated auxiliaries.

3.4.2.4 Gas Turbine Unit (GT 6)

The one (01) no. gas turbine unit, along with all its auxiliaries. Following are the specifications of the turbine units.

- Gas turbine with a capacity of 35MW with all associated auxiliaries.

3.4.2.5 Condenser

The condenser mainly consists of, but shall not be limited, to the following items:

- Condenser tubes made of stainless steel
- All interconnecting pipes related to above mentioned systems
- All kind of valves

3.4.2.6 Condensate and Feed Water System

The feed water system consisting of condensate pumps, feed water pumps, LP & HP heaters, associated piping, as well as all relevant auxiliaries.

3.4.2.7 Balance of Plant (BOP)

All major balance of plant includes:

- Mechanical Draught Cell type Cooling Towers with pumps, motors and fans
- Compressed Air System
- Closed cooling water system
- Water treatment Plant including water storage tank.
- Firefighting system including protection and network piping whole plant
- Fuel handling (Pumping, decanting & forwarding) system
- Emergency Diesel Generator Set (734kW)
- All valves related to above mentioned systems and not mentioned specifically;
- Overhead Cranes and hoisting facilities.
- Pipe racks
- Demi water, fire water & chemical storage tanks
- Fuel Oil Tanks
- Fuel Oil Unloading and forwarding station
- Warehouse/ Stores
- Earthing/ Grounding
- Lightning arresters
- HVAC system
- Redundant UPS System

- LV cables from highlighted transformers
- Coal handling system with conveyor belt
- All power and controls cables along with cable trays/ supports related to above mentioned systems

3.4.2.8 Electrical

3.4.2.8.1 Unit-1 & 2/Steam Turbine Generators-01 & 02 (7.5 MW each)

In Machine Hall Two Main Steam Turbine Generators are installed and following is the specification:

Table 3-9: TPS Quetta ST Generator Specifications

Sr. No.	Description	Unit 1 & 2
1.	Make	Alfa Laval- USA
2.	Rated Capacity (MW)	7.5
3.	Rated Voltage (kV)	11
4.	Gross Weight each	NA

3.4.2.8.2 Unit-3/Gas Turbine Generator-03 (7.1 MW)

In machine hall One Gas Turbine Generator is installed and following is the specification:

Table 3-10: TPS Quetta Unit 3 GT Generator Specifications

Sr. No.	Description	Unit 3
1.	Make	FIAT Italy
2.	Rated Capacity (MW)	7.1
3.	Rated Voltage (kV)	11
4.	Gross Weight each	NA

3.4.2.8.3 Unit-6/Gas Turbine Generator-06 (28 MW)

In machine hall One Gas Turbine Generator is installed and following is the specification:

Table 3-11: TPS Quetta Unit 6 GT Generator Specifications

Sr. No.	Description	Unit 6
1.	Make	Mitsubishi- Japan
2.	Rated Capacity (MW)	28
3.	Rated Voltage (kV)	11
4.	Gross Weight each	NA

3.4.2.8.4 Transformers

Following is the list with specification of major transformers:

Table 3-12: TPS Quetta Transformer Specifications

Sr. No.	Description	Rating		Qty
		kV	Power	Nos.
1	Main Transformers (Unit 1 & 2)	11/ 66 kV	12/15 MVA	2
2	Auxiliary Transformer (Unit 1 & 2)	11/ 0.4 kV	1440 KVA	3
3	Auxiliary Transformer (Unit 3)	11/ 0.4 kV	315 KVA	1
4	Main Transformer (Unit 6)	132kV/ 11kV	29.25/39MVA	1
5	Station Transformer (Unit 6)	11kV/0.4kV	3000Kva	1
6	Unit Starting Transformer (Unit 6)	11kV/0.4kV	750Kva	1

3.4.2.8.5 Central Control Room (ST)

Central Control Room (CCR)

Control and protection panels for: gas turbines, steam turbines, generators, transformers, etc.

Unit Control Room (UCRs 1 & 2 (SPS), 3 & 6 (GTS))

Unit control rooms: Analogue Control System for Unit No. 1&2, DCS for Unit No. 3&6, control and protection panels for turbines, generators and transformers etc.

11kV & 0.4kV Switchgear and Battery Room (Unit-1 to 3 & 6)

LVAC (415V), LVDC distribution panels, 11kV Switchgear Panels, battery banks chargers.

Note: All panels, electrical equipment, circuit breakers, electrical facilities, and any associated equipment not mentioned or listed above are considered to be included in the scope of work.

3.4.3 Store Stock, Spares, and Consumables Associated with Redundant, Old & Defunct Plant

All store stock, spares and consumables associated with defunct power plant, shall be included within the dismantling and disposal scope. Additionally, consumables such as chemicals, fuel oil, lubricating oils, and transformer oils, whether stored in tanks/warehouses or within equipment/piping/transformers, shall also be considered part of the scope. The contractor shall conduct his own survey.

Furthermore, fuel oil tanks contain a combination of dead stock and usable fuel. The responsibility for the disposal of this fuel shall rest with the Contractor.

The list of store stocks, spares and consumables are available in Appendix-03, 'Store Stocks, Spares, and Consumables'.

3.4.4 Exclusions in Dismantling Scope

- Dismantling of buildings made of concrete & the civil structures supported by steel columns/beams are excluded from the scope of dismantling & disposal work.
- The 132kV S/Y is already owned by QESCO and Unit transformers are installed in S/Y.

3.4.5 SLDs

Marked up single line diagram for respective lot has been attached as Appendix-02. Additionally, miscellaneous of respective lot is attached in Appendix-04.

4. GENERAL PROJECT REQUIREMENTS

This sub-section outlines the General Project Requirements applicable to the execution of the dismantling and disposal works. These requirements aim to ensure that the Contractor executes the works professionally, adhering to international best practices, local regulations, and health, safety, and environmental (HSE) standards.

All activities under the project must be carried out with technical excellence, regulatory compliance, and a commitment to safety, quality, and environmental stewardship.

4.1 Compliance with Standards and Regulations

The Contractor shall comply with the guidelines of all applicable national and international standards specially HSE, emergency management, firefighting etc.

The Contractor shall obtain all necessary permits, if required, from relevant authorities before initiating work.

4.2 Language

English language shall be used in all technical correspondence between the Contractor and the Employer, and whenever anything is required under the terms of the Contract to be written, marked, or printed.

Warning and safety notices, and all permanent or temporary notices around the Plant shall be in English.

4.3 Project Management and Organization

The Contractor shall establish a Project Management Team with a dedicated Project Manager responsible for the overall execution, planning, and coordination of the project.

4.3.1 General Requirements:

The Contractor shall prepare and submit a comprehensive Project Execution Plan (PEP) to the Employer for review and approval before commencing any dismantling activities.

The PEP shall serve as the primary document governing all aspects of the dismantling project, including planning, execution, monitoring, and reporting.

4.3.2 Detailed Scope of Work:

The PEP shall clearly outline the scope of dismantling activities, including the removal of boilers, turbines, generators, piping systems, transformers, control systems, auxiliary equipment etc.

Identification and segregation of hazardous waste.

4.3.3 Methodology and Procedures:

The Contractor at first shall share a list of method statements and procedures for dismantling and disposal of Public Assets which shall be submitted with execution plan to the Employer for

review. After finalization of the list, the Contractor shall furnish the required methodology and procedures within a given timeframe. No work shall be performed before approval of method statements and procedures.

The Contractor shall provide a detailed step-by-step procedures for dismantling, disassembly, and safe removal of components.

The Contractor shall submit specialized methods for handling critical components heavy machinery, and hazardous materials (e.g., asbestos, chemicals, and oils), safety procedures for working in confined spaces and heights.

4.3.4 Resource Planning:

The project execution plan shall include:

- Allocation of labour, equipment, and materials required for dismantling, including cranes, cutting tools, and transportation vehicles.
- Deployment of trained personnel for handling hazardous materials and operating specialized equipment.
- Detailed timeline for resource mobilization and demobilization.

4.3.5 Waste Management Plan:

The waste management plan shall include a minimum of:

- Classification and quantification of waste generated during dismantling (e.g., scrap metal, insulation materials, and hazardous waste).
- Procedures for safe handling, transportation, and disposal of hazardous waste in compliance with environmental regulations.

4.3.6 Health, Safety, and Environmental (HSE) Plan:

The HSE plan shall include a minimum of:

- Identification of potential risks and hazards associated with dismantling activities, along with mitigation measures.
- Emergency response procedures for incidents such as fire, chemical/oil spills, and structural collapses.
- Regular safety drills and training sessions for all on-site personnel.
- Personal protective equipment (PPE) requirements and enforcement.

4.3.7 Interface Management:

Coordination plans for interfacing with existing facilities, utility connections, and neighbouring infrastructure should be included. This shall be specific for each lots and/or units.

Communication protocols to ensure seamless interaction with the Employer and third-party stakeholders.

The Contractor shall appoint site supervisors and specialists for critical activities (e.g., hazardous material handling, critical equipment dismantling, and interface management).

4.3.8 Transport and Logistics Plan:

The transport and logistical plan shall include a minimum of:

- Strategy for the transportation of dismantled components to storage yards, disposal sites, and outside of plant premises.
- Assessment of transport routes, including road and bridge constraints, and arrangements for necessary permits. This specification is specially for inside plant's premises.

4.3.9 Demobilization Plan:

- Steps for site cleanup and restoration to agreed conditions after dismantling is complete.
- Removal of temporary facilities and equipment from the site.
- Handover procedures and documentation to the Employer.

4.4 Permit to Work (PTW) Implementation

4.4.1 General Requirements

The Contractor shall obtain Permit to Work (PTW) from Employer, where ever required, to ensure safe execution of all dismantling activities.

4.4.2 Permit Validity:

All permits shall have a specified validity period and must be renewed or reissued for extended activities.

Permits must be closed upon completion of the work. The Employer shall have the right to cancel any PTWs in case of unsafe conditions and violation of HSE protocols.

4.5 Health, Safety, and Environment (HSE) Requirements

4.5.1 Health and Safety

- The Contractor shall prepare and submit an HSE Management Plan before commencing work.
- Compliance with OSHA standards and NFPA guidelines is mandatory.
- Workers shall be provided with Personal Protective Equipment (PPE), including helmets, gloves, safety goggles, hearing protection, and high-visibility vests etc.
- Daily toolbox talks and safety briefings shall be conducted.
- Emergency response plans, including firefighting measures and evacuation protocols, shall be in place.
- The Contractor shall appoint safety management team and specialists for project execution.

4.5.2 Environmental Protection

- The Contractor shall prepare an Environmental Management Plan (EMP), outlining measures to mitigate environmental risks.
- Waste shall be categorized, segregated, and disposed of in line international and local waste management regulations.
- Proper measures shall be implemented for dust suppression, noise control, and water pollution prevention.
- Hazardous materials, including asbestos, oils, and chemicals, must be handled and disposed of according to international and local regulations.
- Any contamination identified during dismantling must be immediately reported, and remediation measures implemented.

4.6 Technical Documentation and Reporting

The Contractor shall maintain comprehensive technical documentation for all activities, including:

- Method statements for key activities
- Risk assessments and mitigation plans
- Daily site activity logs
- Fortnightly progress reports

- Incident and accident reports
- Maintenance of comprehensive records of dismantled components, hazardous waste disposal, and compliance reports.
- Final Close-out Report: Upon project completion, the Contractor shall submit a final report detailing:
 - Summary of activities performed.
 - Environmental compliance reports

4.7 Resource Management

- The Contractor shall ensure the availability of qualified personnel with experience in power plant erection / dismantling.
- Adequate resources, including machinery, tools, and equipment, must be mobilized to meet project timelines.
- All equipment used on-site must be certified, well-maintained, and regularly inspected for safety compliance.
- The Contractor shall provide on-site welfare facilities (e.g., potable water, sanitation, medical aid) for all personnel.

4.8 Site Security and Access Control

- The Contractor/Employer shall ensure secure access control measures at all entry and exit points.
- Unauthorized personnel shall be strictly prohibited from accessing work zones.
- The Contractor shall deploy security personnel to safeguard assets, equipment, and personnel on-site.
- Visitor access must be controlled, and all visitors must adhere to site safety protocols.

4.9 Risk Management

The Contractor shall develop a Project Risk Management Plan identifying risks associated with:

- Structural integrity during dismantling
- Hazardous material exposure
- Environmental contamination
- Delays in execution due to regulatory or logistical issues

- Risk mitigation measures shall be implemented, with regular reviews and updates to the plan.
- An Emergency Response Plan (ERP) shall be developed for scenarios such as fire, chemical spills, and natural disasters.

4.10 Coordination and Communication

- Effective communication channels shall be established between the Contractor, Employer and stakeholders.
- Any deviations, delays, or unforeseen challenges must be communicated to the Employer immediately.
- Weekly coordination meetings shall be held to review progress, resolve issues, and align on upcoming tasks.

4.11 Closure and Handover Requirements

- Ensure removal of all temporary structures, waste, and debris from the site.
- Conduct a joint inspection with the Employer before final handover.
- Obtain Completion Certificate (CC) from the Employer as confirmation of satisfactory project completion.

4.12 Project Scheduling

4.12.1 General

The Contractor will develop a Project Time Schedule or Project Programme. If the same Contractor is for multiple lots, then separate Time Schedule shall be submitted for each lot. The Employer would review this Programme and closely following up on all activities. The Employer would also analyse the schedule, e.g., on room for improvement, criticality of activities, etc. and advise the Contractor accordingly.

It is essential that this Programme to be made available to the Employer allowing to fully interrogate and analyse this schedule.

4.12.2 Schedule Structure and Composition

The Project Schedule shall have a work breakdown structure (WBS). This is required, in order, to categories the activities into different codes that relate them to the Project. The codes shall act, as tags or attributes of each activity to allow the programme to be grouped, summarized, and filtered in or out of the display in soft copy.

The WBS shall have a hierarchal structure to be developed by the Contractor breaking down the Project tasks into definable and recognizable activities of manageable and logical headings.

The Contractor shall ensure that contract schedule has clearly identified all the Project key deliverables and have shown these within the WBS.

The programme shall have a measurable finish point for each group of activities, which is identified and indicated in the schedule by a Milestone event with a designated zero duration.

4.12.3 Periodical update

Periodical update of schedule according to deliverables and visual inspection during supervision activities is a comparison of planned stage and current status of the Project.

- **Programme updates**

The Contract schedule will require updating and status. As a consequence of this process, there is potential for creation of three versions of the contract schedule. These are as following:

- Contract Schedule (baseline);
- Contract Schedule (current);
- Contract Schedule (recovery).

Contract Schedule (baseline) - this shall be the approved contract schedule, as previously stated shall not be changed or altered without approval and it will remain unstated.

Contract Programme (current) - this shall be the same version, as Contract Schedule (baseline) but set up by the Contractor at the end of each month with the same activities' logic links or their original durations as in the Contract Schedule (baseline). The Contractor after each set up the schedule shall carry out time analyse to establish the new position of the programme. An electronic unfiltered copy of this programme shall also be included in the Monthly Report.

Contract Schedule (recovery) - if after time analysis the Contractor find the key contract dates are overrun by more than one calendar month, it shall then make appropriate changes to the logic and resource level of the activities with the negative total float, in order to maintain the original key dates.

This adjusted schedule shall be labelled, as Contract Schedule (recovery). The Contractor shall note all the changes that are made to each activity and log these, describing each change and the reason for it. An electronic unfiltered copy of this recovery schedule including these logs shall also be included in the Monthly Report.

4.12.4 Schedule review

The review of Contractor's schedule in accordance with consistency, time schedule logic and contractual agreed baseline shall be done by the Employer.

4.12.5 Progress report

Contractor's Fortnightly Progress Report shall be based on the Contract schedule. A typical content for Contractor's Report should comprise the following aspects to allow Employer a swift review:

- Progress of Dismantling Activities
- Progress of Interface Activities
- Progress of Removal of Public Assets from respective sites
- Health Safety & Environment
- Hazards

5. Contractor's Personnel

The Contractor shall provide the details of following personnel on key positions and their experience record in the form of resume for Employer's review and approval. The Contractor shall have the right to interview each personnel in person or virtually. The personnel on key positions shall only be qualified for the specific Lot after approval from Employer. If the Contractor has been awarded multiple Lots then each lot shall have following key positions.

- i. Project Manager
- ii. Project Engineer
- iii. Planning Engineer
- iv. HSE Engineer

The minimum requirements of the personnel in key positions shall be as follows:

- a. Minimum qualification of Project Manager: Bachelor's in Electrical or Mechanical Engineering with minimum 15 years of experience in construction and/or dismantling of thermal power plants or large scale industrial complex.
- b. Minimum qualification of Project Engineer: Bachelor's in Engineering with minimum 10 years of relevant experience in construction and/or dismantling of thermal power plants or large scale industrial complex.
- c. Minimum qualification of Planning Engineer: Bachelor in Engineering with minimum 10 years of relevant experience.
- d. Minimum qualification of HSE Engineer: Bachelor in Engineering with minimum 10 years of relevant experience.

The Contractor shall finalize and get the personnel approved from the Employer within 15 days from the Commencement Date. Failure to comply with these conditions within the time frame could result in Termination of Contract as per Conditions of Contract.

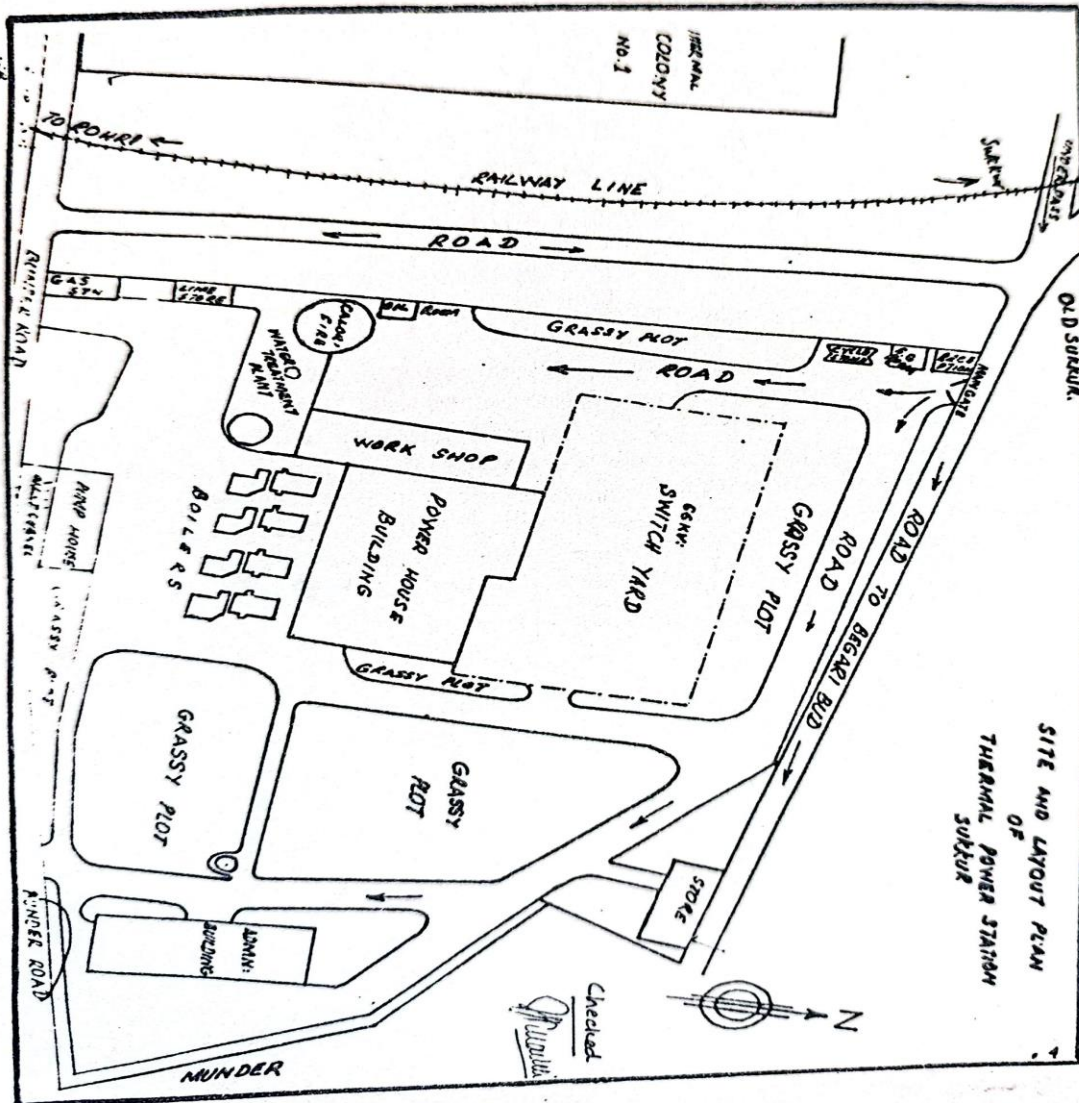
6. APPENDICES

List of appendices of Employer's Requirements are here under:

- Appendix-01: General Layout
- Appendix-02: Single Line Diagram (SLD)
- Appendix-03: Store Stock, Spares and Consumables
- Appendix-04: Miscellaneous Data

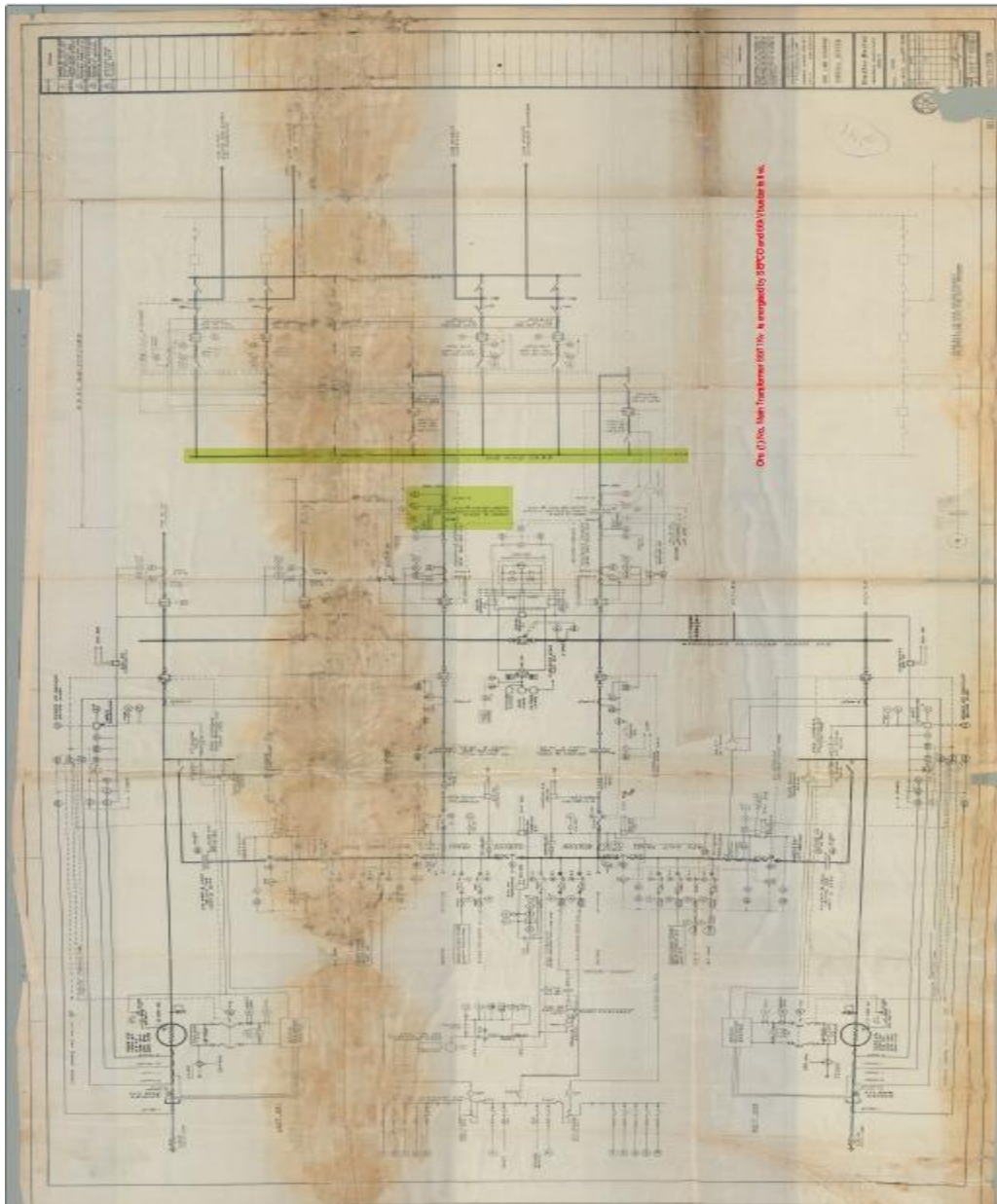
APPENDIX – 01:
GENERAL LAYOUT

LOT 1: TPS SUKKUR (50MW)



APPENDIX – 02:
SINGLE LINE DIAGRAMS

LOT 1: TPS SUKKUR (50MW)



APPENDIX – 03:

STORE STOCK, SPARES AND CONSUMABLES

LOT 1: TPS SUKKUR (50MW)

TPS Sukkur

Electrical and Common Store

Electrical Store		
S.No	Description	Qty
		Nos
1	Electrical store	
2	Motor 30 HP	1
3	Motor 15 HP	1
4	Motor 10 HP	3
5	Motor 5 HP	6
6	Motor 1.5 HP	2
7	Motor 1 HP	2
8	Motor 0.5 HP	2
Common Store		
9	Pedestal Fan	21
10	Motor 15 HP	1
11	Motor 10 HP	1
12	Motor 7.5 HP	1
13	Motor 5 HP	1
14	Motor 4.5 HP	2
15	Motor 3 HP	2
16	Motor 1.4 HP	1
17	Motor 0.75 HP	1
18	Motor 2 HP	1
19	Boxes	4

APPENDIX – 04:
MISCELLANEOUS DATA

LOT 1: TPS SUKKUR (50MW)



CPGCL



Major Plant Equipment List

Chemical Area:

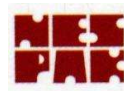
Sr. No.	Description	Qty.
		Nos.
1	Tanks	03
2	Tanks	03
3	Clarifier No.1	1
4	Clarifier No.2	1
5	Coagulator No.1	1
6	Coagulator No.2	1

Pump House:

Sr. No.	Description	Qty.
		Nos.
1	CW Pump	04
2	CW Pump Motor	04
3	CW Pump Outlet	04
4	Bar and Band Screen	04
5	Float	01
6	Overhead Crane (7.5 Ton)	01



CPGCL



Generator & Turbine:

Sr. No.	Description	Qty.
		Nos.
1	Generator	04
2	Turbine and Associated parts	04
3	Air Ejector	04
4	LP Heater	04
5	MP Heater	04
5	Condenser Body	04
6	Condenser Tubes	04
7	Overhead Crane (50 Ton)	01

Boiler:

Sr. No.	Description	Qty.
		Nos.
1	Furnace Body	04
2	FD Fan	04
3	FD Fan Associated parts	04
4	Boiler Drum Tubes (Economizer & Evaporator)	04
5	Boiler Drum Tubes (Super Heater)	04
6	Boiler Drum	04
7	Burners and nearby valves	04
8	Chimney (Stack)	04
9	Deaerator Tank	04
10	Storage Tank	02
11	Aluminium Sheets over Furnace etc.	04

Steam Turbine Unit:

Sr. No.	DESCRIPTION	UNIT NO. 1 to 4
1	Make	M/s C.G.E, Canada
2.	Model No.	EN . 100719
3.	Name Plate Ratings	12.5 MW- 14 Stages total
4.	Speed	3000 RPM
5.	Inlet Pressure and Temperature	450 PSG-750 °F
6.	Exhaust Pressure	21/2 HG AbS.
7.	Lub. Oil Grade in use	Gulf Crest – 44
8.	Average Overall Efficiency Percent	23%



CPGCL



Steam Turbine Generator:

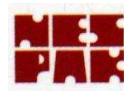
Sr. No.	DESCRIPTION	UNIT NO. 1 to 4
1	Manufacturer	M/s C.G.E, Canada
2	Type	ATB
3	Rated Capacity	12.5 MVA
4	Active Power	12.5 MW
5	Rated Voltage	11Kv
6	Rated Current	820A
7	Power Factor	0.8
8	Medium of Cooling Stator	Air Cooled
9	Medium of Cooling	Air Cooled

Steam Generator (Boiler):

BOILER RATINGS		
Sr. No.	DESCRIPTION	RATINGS
1.	Make	Babcock-Wilcox Canada
2.	Type	Integrated furnace , pressure fired
3.	Max Capacity	142,000 Lbs / hours
4.	No. of Drums	02 Nos
5.	Drum Pressure	495 Psig
6.	Continuous	140,000 Lbs / Hour
7.	Super Heater Out let Pressure	450 Psig
8.	Super Heater Out let Temperature	750 °F
9.	Temperature Air and Air heater out let	500 °F
10.	Fuel	Sui Gas (Natural gas)
11.	Overall efficiency	83.5%
BOILER STRUCTURE		
1.	Width	16.5'
2.	Length	23.75'
3.	Heigh	50'
4.	Heating surface area	14442 Sq .FT
5.	That of super heater	1250 Sq. Ft



CPGCL



6.	That of air heater	12560 Sq. Ft
----	--------------------	--------------

Transformers:

Sr. No.	Description	Rating		Qty
		KV	Power	Nos
1	Power Transformer	11/66	10/13MVA	02
2	Power Transformer (Siemens)	11/66	10/13.3MVA	01
3	Unit Auxiliary Transformer	11/.45 KV	750 KVA	04
4	Station Transformer	11/.45 KV	1500 KVA	02
5	Potential Transformer (G-3)	11	500 KVA	01
6	Excitation Transformer (G-3)	11	500 KVA	01
7	Potential Transformer (G-4)	11	500 KVA	01
8	Excitation Transformer (G-4)	11	500 KVA	01
9	Transformer 11KV/266 V	11	60KVA	01
10	Current Transformer	12/.28	200 KVA	01
11	Current Transformer	12/.28	200 KVA	01
12	Current Transformer	12/.28	200 KVA	01
13	Current Transformer	12/.28	200 KVA	01

Fuel Oil Tank:

Following is the list of fuel oil tanks:

Tank	Capacity (Gallons)
1.	500